



General Bid Bulletin No. 35
29 June 2021

IFB No. 20-031-6

SOUTH COMMUTER RAILWAY PROJECT
FOR PACKAGES CP S-04, CP S-05, CP S-06, AND CP S-07;
CONSTRUCTION OF CIVIL STRUCTURES: VIADUCTS, BRIDGES,
NINE STATIONS (9) AND DEPOT

TO ALL PROSPECTIVE BIDDERS:

This General Bid Bulletin is issued to amend or clarify certain provisions in the Bidding Documents for the above-mentioned project. Please refer to the details below duly approved by the End-user and Co-Implementer:

- 1. Annex "A" – CP S-04 to 07 Responses to Clarification Requests (Batch 21)**
- 2. Reference Drawings and Updated BOQs**
<https://drive.google.com/drive/folders/13-ROcqRLjtfyAjE2-FFEwa6HEOIKCH1W>

For your information and guidance.

For the Bids and Awards Committee VI,

SGD.
WEBSTER M. LAUREÑANA
Chairperson

CP S04-07 Responses to Clarification Requests (Batch 21)

Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-05	1	Part 1 / Section 1 Instruction to Bidders	ITB 8	ITB 7.2	The Bidder is advised to visit and examine the Site of Works and its surroundings and obtain for itself on its own responsibility all information that may be necessary for preparing the Bid and entering into a contract for construction of the Works. The costs of visiting the Site shall be at the Bidder's own expense.	The Employer is kindly requested to clarify how it will arrange the Site visit (including the surroundings) given the live train operation adjacent to the proposed right of way where the Works will be constructed. The Employer is also requested to clarify whether this access will be unhindered and the Bidders will be free to have their own physical examinations.	<i>Bidder is referred to Attachment 2 of Section 2 of the Bidding Documents</i>
S-06	1	Part 1 / Section 1 Instruction to Bidders	ITB 8	ITB 7.2	The Bidder is advised to visit and examine the Site of Works and its Surroundings and obtain for itself on its own responsibility all information that may be necessary for preparing the Bid and entering into a contract for construction of the Works. The costs of visiting the Site shall be at the Bidder's own expense.	The Employer is kindly requested to clarify how it will arrange the Site visit (including the surroundings) given the live train operation adjacent to the proposed right of way where the Works will be constructed. The Employer is also requested to clarify whether this access will be unhindered and the Bidders will be free to have their own physical examinations.	<i>Bidder is referred to Attachment 2 of Section 2 of the Bidding Documents</i>
S-04	1A	Volume 1A Section 4A BOQ_Add1_202101 25	Bill no.1	GS118(5.1) GS118(5.2) GS118(5.3)	Establish Environmental Monitoring Fund of PHP400,000.00: CP S-04 Contribution PHP57,000 Establish Environmental Guarantee Trust Fund of PHP5,000,000.00: CP S-04 Contribution PHP716,000 Annual replenishment of EGF Trust Fund	Will the contractor provide a bank guarantee for the Environmental Guarantee Trust Fund and Environmental Monitoring Fund? Please clarify the annual replenishment procedures and details.	<i>Bidder is referred to GS 118 for replenishment procedure and details.</i>
S-04	1A	Volume 1A Section 4A BOQ_Add1_202101 25	Bill no.1	GS118(5.4) GS118(5.5)	Establish Environmental Guarantee Cash Fund of PHP3,000,000.00: CP S-04 PHP 430,000 Annual replenishment of EGF Cash Fund	Will the contractor provide a cash contribution for the Environmental Guarantee Cash Fund? Please clarify the annual replenishment procedures and details.	<i>Bidder is referred to GS 118 for replenishment procedure and details.</i>
S-04	2	1) Volume 2 & Section 6 - IB General Specification, GS 118 ENVIRONMENTAL MANAGEMENT, 2) EISR, Chapter 4 Environmental management Plan, Table 4-1 Environment Management Plan for the Project.	GS 52	1) Clause 118.3.	Timing for submission of Contractor's site-specific Environmental Management Plan (CEMP) GS 118 (Addendum) states that "Within 30 days before the Commencement Date, the Contractor shall submit, in accordance with the procedure given under GS 120, a detailed Contractor's Environmental Management and Monitoring Plan (CEMMP) for the review and consent of the Engineer, and copies to be provided to DOTr, and ADB for review. whereas; ESIR (addendum) states that: "Prior to start of site works and within 60 days upon receipt of the notice to proceed, the Contractors shall prepare a site-specific Contractor's Environmental Management Plan (CEMP) based on the EMP in the EIS."	Please clarify when the detailed plan should be submitted to the Client. Please note that the key personnel is expected to mobilize to site after the commencement date (as described in Section 103.2 of GS) so that the preparation of the CEMMP cannot be undertaken before the Commencement Date unless this terminology refers to a different milestone.	<i>Bidder is referred to the revised GS 118.3 in Addendum 4. This is required to give the Employer time to review necessary plans. Bidder is also reminded that the Employer may require some advance works to be carried out before the commencement of works subject to further discussion and agreement after award.</i>
S-04	1A	Vol.1A Sec.4A Bill of Quantities No.1 General Requirements	GS118 (5.1)	Establish Environmental Monitoring Fund of PHP400,000.00: CP S-04 Contribution PHP 57,000	-	In page 1018, 8.4.1 of EISC SCRP, Site Data (EIS) Sep20, it states that DOTr commits to establish an Environmental Monitoring Fund (EMF), and also in page 1024,1025 Table 10.1.1 securing fund is led by DOTr. Please confirm that this is funded by DOTr, and PHP 57,000 has been allocated for PKG 4. If so, what shall Contractor consider in this Bill of Quantities ? Please advise.	<i>Bidder is advised that the Environmental Monitoring Fund is not applicable and is deleted from the latest published BOQ.</i>

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S-04	1A	Vol.1A Sec.4A Bill of Quantities No.1 General Requirements	GS118 (5.2)	Establish Environmental Guarantee Trust Fund of PHP5,000,000.00: CP S-04 Contribution PHP716,000		In page 1018, 8.4.1 of EISC SCRIP, Site Data (EIS) Sep20, it states that DOTr commits to establish an Environmental Guarantee Fund, and also in page 1024,1025 Table 10.1.1 securing fund is led by DOTr. Please confirm that this is funded by DOTr, and PHP 716,000 has been allocated for PKG 4. If so, what shall Contractor consider in this Bill of Quantities ? Please advise.	<i>Bidder is referred to latest published BOQ in relation to the EGF. Bidder shall utilize the sums contained in BOQ items.</i>
S-04	1A	Vol.1A Sec.4A Bill of Quantities No.1 General Requirements	GS118 (5.4)	Establish Environmental Guarantee Cash Fund of PHP3,000,000.00: CP S-04 PHP 430,000		In page 1018, 8.4.1 of EISC SCRIP, Site Data (EIS) Sep20, it states that The DOTr commits to establish an Environmental Guarantee Fund, and also in page 1024,1025 Table 10.1.1 securing fund is led by DOTr. Please confirm that this is funded by DOTr, and PHP 430,000 has been allocated for PKG 4. If so, what shall Contractor consider in this Bill of Quantities ? Please advise.	<i>Bidder is referred to latest published BOQ in relation to the EGF. Bidder shall utilize the sums contained in BOQ items.</i>
S-04	1A	Vol.1A Sec.4A Bill of Quantities No.1 General Requirements	GS118 (5.5)	Annual replenishment of EGF Cash Fund		In 118.9.4 2.2 SCRIP General Specification S-04 to S-07_20211019, replenishment shall be done before the amount reaches lower than 50%. Please clarify that Contractor shall replenish fund after initial fund by DOTr.	<i>Bidder is referred to GS 118 for replenishment procedure and details.</i>
S-04	1A	Vol.1A Sec.4A Bill of Quantities No.1 General Requirements	GS118 (5.2,4)	Environmental Monitoring Fund, and Environmental Guarantee Trust Fund		If fund shall be prepared by Contractor, please clarify that Contractor shall have funds based on estimation made by the DOTr, and estimate annual replenishment based on the provided environmental documents.	<i>Bidder is referred to revised BOQ items in relation to the EGF. Bidder is also referred to GS 118 and the EIS in the Site Data</i>
S-05	1A	Vol.1A Sec.4A Bill of Quantities No.1 General Requirements	GS118 (5.1)	Establish Environmental Monitoring Fund of PHP400,000.00: CP S-04 Contribution PHP 57,000		In page 1018, 8.4.1 of EISC SCRIP, Site Data (EIS) Sep20, it states that DOTr commits to establish an Environmental Monitoring Fund (EMF), and also in page 1024,1025 Table 10.1.1 securing fund is led by DOTr. Please confirm that this is funded by DOTr, and PHP 57,000 has been allocated for PKG 4. If so, what shall Contractor consider in this Bill of Quantities ? Please advise.	<i>Bidder is advised that the Environmental Monitoring Fund is not applicable and is deleted from the latest published BOQ.</i>
S-05	1A	Vol.1A Sec.4A Bill of Quantities No.1 General Requirements	GS118 (5.2)	Establish Environmental Guarantee Trust Fund of PHP5,000,000.00: CP S-04 Contribution PHP716,000		In page 1018, 8.4.1 of EISC SCRIP, Site Data (EIS) Sep20, it states that DOTr commits to establish an Environmental Guarantee Fund, and also in page 1024,1025 Table 10.1.1 securing fund is led by DOTr. Please confirm that this is funded by DOTr, and PHP 716,000 has been allocated for PKG 4. If so, what shall Contractor consider in this Bill of Quantities ? Please advise.	<i>Bidder is referred to latest published BOQ in relation to the EGF. Bidder shall utilize the sums contained in BOQ items.</i>
S-04	1A	Vol.1A Sec.4A Bill of Quantities No.1 General Requirements	GS118 (5.4)	Establish Environmental Guarantee Cash Fund of PHP3,000,000.00: CP S-04 PHP 430,000		In page 1018, 8.4.1 of EISC SCRIP, Site Data (EIS) Sep20, it states that The DOTr commits to establish an Environmental Guarantee Fund, and also in page 1024,1025 Table 10.1.1 securing fund is led by DOTr. Please confirm that this is funded by DOTr, and PHP 430,000 has been allocated for PKG 4. If so, what shall Contractor consider in this Bill of Quantities ? Please advise.	<i>Bidder is referred to latest published BOQ in relation to the EGF. Bidder shall utilize the sums contained in BOQ items.</i>
S-05	1A	Vol.1A Sec.4A Bill of Quantities No.1 General Requirements	GS118 (5.5)	Annual replenishment of EGF Cash Fund		In 118.9.4 2.2 SCRIP General Specification S-04 to S-07_20211019, replenishment shall be done before the amount reaches lower than 50%. Please clarify that Contractor shall replenish fund after initial fund by DOTr.	<i>Bidder is referred to latest published BOQ in relation to the EGF. Bidder shall utilize the sums contained in BOQ items.</i>

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S-05	1A	Vol.1A Sec.4A Bill of Quantities No.1 General Requirements	GS118 (5.2,4)	Environmental Monitoring Fund, and Environmental Guarantee Trust Fund		If fund shall be prepared by Contractor, please clarify that Contractor shall have funds based on estimation made by the DOTr, and estimate annual replenishment based on the provided environmental documents.	<i>Bidder is referred to GS 118 for replenishment procedures and details.</i>
S-06	1A	Vol.1A Sec.4A Bill of Quantities No.1 General Requirements	GS118 (5.1)	Establish Environmental Monitoring Fund of PHP400,000.00: CP S-06 Contribution PHP69,000		In page 1018, 8.4.1 of EISC SCRIP, Site Data (EIS) Sep20, it states that DOTr commits to establish an Environmental Monitoring Fund (EMF), and also in page 1024,1025 Table 10.1.1 securing fund is led by DOTr. Please confirm that this is funded by DOTr, and PHP 69,000 has been allocated for PKG 6. If so, what shall Contractor consider in this Bill of Quantities ? Please advise.	<i>Bidder is advised that the Environmental Monitoring Fund is not applicable and is deleted from the latest published BOQ.</i>
S-06	1A	Vol.1A Sec.4A Bill of Quantities No.1 General Requirements	GS118 (5.2)	Establish Environmental Guarantee Trust Fund of PHP5,000,000.00: CP S-06 Contribution PHP857,000		In page 1018, 8.4.1 of EISC SCRIP, Site Data (EIS) Sep20, it states that DOTr commits to establish an Environmental Guarantee Fund, and also in page 1024,1025 Table 10.1.1 securing fund is led by DOTr. Please confirm that this is funded by DOTr, and PHP 857,000 has been allocated for PKG 6. If so, what shall Contractor consider in this Bill of Quantities ? Please advise.	<i>Bidder is referred to latest published BOQ in relation to the EGF. Bidder shall utilize the sums contained in BOQ items.</i>
S-06	1A	Vol.1A Sec.4A Bill of Quantities No.1 General Requirements	GS118 (5.4)	Establish Environmental Guarantee Cash Fund of PHP3,000,000.00: CP S-06 PHP 857,000		In page 1018, 8.4.1 of EISC SCRIP, Site Data (EIS) Sep20, it states that The DOTr commits to establish an Environmental Guarantee Fund, and also in page 1024,1025 Table 10.1.1 securing fund is led by DOTr. Please confirm that this is funded by DOTr, and PHP 857,000 has been allocated for PKG 6. If so, what shall Contractor consider in this Bill of Quantities ? Please advise.	<i>Bidder is referred to latest published BOQ in relation to the EGF. Bidder shall utilize the sums contained in BOQ items.</i>
S-06	1A	Vol.1A Sec.4A Bill of Quantities No.1 General Requirements	GS118 (5.5)	Annual replenishment of EGF Cash Fund		In 118.9.4 2.2 SCRIP General Specification S-04 to S-07_20211019, replenishment shall be done before the amount reaches lower than 50%. Please clarify that Contractor shall replenish fund after initial fund by DOTr.	<i>Bidder is referred to GS 118 for replenishment procedures and details.</i>
S-06	1A	Vol.1A Sec.4A Bill of Quantities No.1 General Requirements	GS118 (5.2,4)	Environmental Monitoring Fund, and Environmental Guarantee Trust Fund		If fund shall be prepared by Contractor, please clarify that Contractor shall have funds based on estimation made by the DOTr, and estimate annual replenishment based on the provided environmental documents.	<i>Bidder is referred to GS 118 for replenishment procedures and details.</i>
S-07			441	Site Data 10.17 Depot Design Report (S-07) c) Consolidation Assessment		According to Estimated Maximum Settlement shown on Table 8.1.3-10 of Depot Design Report, Immediate settlement and Consolidation Settlement would be incurred for 67 to 371mm and 27 to 335mm respectively after finishing embankment. And estimated total settlement would be 176 to 449mm for each section. Q1) Please clarify allowable settlement for Access Road and Access Track. Q2) It is expected approximately 50,000m ³ of embankment will be required in addition to embankment quantity in BOQ to compensate settlement during construction period. Please clarify this compensation embankment will be measured by means of settlement monitoring or it shall be included in the rate of the embankment?	<i>Allowable settlement to the track work is more critical than road works. The bidder shall be required to meet allowable settlement 30mm/year for ground improvement works after completion of embankment. There will be no separate measurement for any settlement of embankment, therefore the bidder shall be allowed additional filling works in the rate.</i>

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S-04		Volume 2				<p>Indicated in multiple sections of the specifications and as an example in TS 601.1.1, it is specified that “All materials shall be in compliance with Philippines standards and/or Japan Industry Standard and/or equivalent” and lists out all international standards including “Relevant Japanese, American, British, European, and International Standards and/or codes of Practice for materials and equipment and method of installation.” Also it states, “the Engineer shall determine which standard or Code to be followed and his decision shall be binding.”</p> <p>The citing of all international standards as applicable to the project creates uncertainty on the Bidder’s ability to propose based on one standard potentially conflicting with another standard. An example would be if EU standards being less stringent than American standards.</p> <p>Since the Engineer’s decision on code compliance is binding, please provide an order of precedence on standard or code that applies to this project, i.e., American standards has higher preference than JIS and JIS having higher preference than Philippine standards and so on.</p>	<p><i>The Engineer shall ensure that the material specification/s shall fully comply with Philippine standards. However, if the Philippine standards are insufficient then Japan Industry Standards (JIS) and/or equivalent/s International standards including relevant American, British, European, should apply being subject to Engineer's approval.</i></p>
S-05		Volume 2				<p>Indicated in multiple sections of the specifications and as an example in TS 601.1.1, it is specified that “All materials shall be in compliance with Philippines standards and/or Japan Industry Standard and/or equivalent” and lists out all international standards including “Relevant Japanese, American, British, European, and International Standards and/or codes of Practice for materials and equipment and method of installation.” Also it states, “the Engineer shall determine which standard or Code to be followed and his decision shall be binding.”</p> <p>The citing of all international standards as applicable to the project creates uncertainty on the Bidder’s ability to propose based on one standard potentially conflicting with another standard. An example would be if EU standards being less stringent than American standards.</p> <p>Since the Engineer’s decision on code compliance is binding, please provide an order of precedence on standard or code that applies to this project, i.e., American standards has higher preference than JIS and JIS having higher preference than Philippine standards and so on.</p>	<p><i>The Engineer shall ensure that the material specification/s shall fully comply with Philippine standards. However, if the Philippine standards are insufficient then Japan Industry Standards (JIS) and/or equivalent/s International standards including relevant American, British, European, should apply being subject to Engineer's approval.</i></p>

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S-06		Volume 2				<p>Indicated in multiple sections of the specifications and as an example in TS 601.1.1, it is specified that “All materials shall be in compliance with Philippines standards and/or Japan Industry Standard and/or equivalent” and lists out all international standards including “Relevant Japanese, American, British, European, and International Standards and/or codes of Practice for materials and equipment and method of installation.” Also it states, “the Engineer shall determine which standard or Code to be followed and his decision shall be binding.”</p> <p>The citing of all international standards as applicable to the project creates uncertainty on the Bidder’s ability to propose based on one standard potentially conflicting with another standard. An example would be if EU standards being less stringent than American standards.</p> <p>Since the Engineer’s decision on code compliance is binding, please provide an order of precedence on standard or code that applies to this project, i.e., American standards has higher preference than JIS and JIS having higher preference than Philippine standards and so on.</p>	<p><i>The Engineer shall ensure that the material specification/s shall fully comply with Philippine standards. However, if the Philippine standards are insufficient then Japan Industry Standards (JIS) and/or equivalent/s International standards including relevant American, British, European, should apply being subject to Engineer's approval.</i></p>
S-04		TS103	POSSESSION of SITE		<p>There are many utilities which cross / run along the PNR Right of Way. Every effort will be made prior to award of Contract to divert / relocate these to assist in providing Free and Clear land. Information about these utilities is provided in Volume 2 Supplementary Information and Site Data, which shows the situation as at March 2020. In the event that the Employer has not arranged for the diversion / rerouting of utilities prior to Award of Contract, the Contractor shall be consulted regarding the time and cost implications of managing the diversion / relocation of these utilities by location prior to commencing the Works for that location. Such possession and access shall be made available to the Contractor on the date for Commencement of Works as established under GCC Clause 8.1. Where site possession is not available across the whole of the works, the Employer may give possession on a staged basis where portions are available. Full site possession will be given not later than 12 months after the initial staged possession has commenced. The Contractor shall revise the Detailed Works Program to reflect the staging of works to align with the available possession at no additional cost.</p>	<p>For the project there is an intersection point between PNR railway and the right of way of SCRIP where there are residents nearby. We understand that if the site is not fully available and will be available after 12 months. However we would like to know the progress of the</p>	<p><i>Bidder is refer to Land Status Drawings which were issued FOR INFORMATION ONLY and to the Site Access Dates for information regarding release of land.</i></p>

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S-05		TS103		POSSESSION of SITE	<p>There are many utilities which cross / run along the PNR Right of Way. Every effort will be made prior to award of Contract to divert / relocate these to assist in providing Free and Clear land. Information about these utilities is provided in Volume 2 Supplementary Information and Site Data, which shows the situation as at March 2020. In the event that the Employer has not arranged for the diversion / rerouting of utilities prior to Award of Contract, the Contractor shall be consulted regarding the time and cost implications of managing the diversion / relocation of these utilities by location prior to commencing the Works for that location. Such possession and access shall be made available to the Contractor on the date for Commencement of Works as established under GCC Clause 8.1. Where site possession is not available across the whole of the works, the Employer may give possession on a staged basis where portions are available. Full site possession will be given not later than 12 months after the initial staged possession has commenced. The Contractor shall revise the Detailed Works Program to reflect the staging of works to align with the available possession at no additional cost.</p>	<p>For the project there is an intersection point between PNR railway and the right of way of SCRIP where there are residents nearby. We understand that if the site is not fully available and will be available after 12 months. However we would like to know the progress of the</p>	<p><i>Bidder is refer to Land Status Drawings which were issued FOR INFORMATION ONLY and to the Site Access Dates for information regarding release of land.</i></p>

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S-07		CP S04-07 Responses to Clarification Requests (Batch 12)	40	IB- General Specification Clause 120.10	<p>Clarification Request (3) All submittal for the approval requires "Third Party Check Certificate"? If not, more specific statement is required. In addition, Third Party Check Certificate also includes the endorsement of professional engineer registered in Philippines?</p> <p>Final Response (3) Yes</p>	<p>Based on the Final Response, "all submittal for the approval requires 'Third Party Check Certificate'".</p> <p>However, based on 'GS 120.10 Other Required Documents and Records', 'b) v Third Party Check Certificates' excludes 'a) Working Drawings' and 'b) Other Construction related Documents i-iv, vi-viii'.</p> <p>Please provide list of submittals that require 'b) v) Third Party Certificates'.</p> <p>'GS 120.10 Other Required Documents and Records'</p> <p>a) Working Drawing including but not limited to: i Shop Drawings; ii Fabrication Drawings; iii Temporary Works Drawing including utilities, traffic and erection drawings iv Bar Bending schedules; and v Bar Reference Drawing. b) Other Construction related documents such as: i Detailed Construction Method Statements including the Method Statements on Safety developed from the Safety Plan ii Safety Risk Assessment; iii Erection Sequence Statement; iv Design work, calculations and reports related to the contractor's temporary works or other contractor or manufacturer designed systems; v Third Party Check Certificates vi Casting sequence for all precast and cast in-situ works; vii Conservation Management Plan for structures affected by the alignment for presentation to Cultural Agencies and viii All other documents deemed necessary by the Contractor for the accurate and safe construction of the Works in accordance with the Contract</p>	<p><i>The Third Party Check Certificate is referred to GS 120.10. Other Required Documents and Records.</i></p> <p><i>This certificate will be required to Permanent work design ("Noise Barrier", "(Pot & Elastomeric) Bearings" and "Seismic Restrainer") and Temporary work design which shall be covered major temporary works such as crossing the existing road and PNR track, excavation very close to the PNR track, working very close to the PNR track at station and the like.</i></p>
S-05		Vol. 2 Sec 6 IC General Specification TS 500 – Architectural Works	TS 500 - 246	523.1 The Work	<p>The works (supply and installation onsite) specifically exclude scaffoldings, stock yard, heavy machines for unloading materials onsite, structural steel and secondary steel (material supply-fabrication-installation), gutter, temporary storage, mockup, drawing submissions, permitting (approvals from Government), inspection, taxes, and the like. While secondary steel (material supply-fabrication-installation) do not form part of the work scope of the TMRS supplier, they are however required to provide the details and quantities to the secondary steel fabricator.</p>	<p>Please clarify that excluded works (scaffoldings, stock yard, heavy machines for unloading materials onsite and etc.) are reflected which item.</p>	<p><i>Bidder is referred to latest published TS 523.</i></p>
S-06		Volume 1 Section 1	ITB 10	ITB 14.7	<p>All duties, taxes, and other levies payable by the Contractor under the Contract, or for any other cause,...</p>	<p>The Bidder would like to clarify if the Social Security System and Philippine Health Insurance Corporation are not required for Foreign (Non- Filipinos) personnel employed by Main Contractor.</p>	<p><i>Bidder's understanding is correct.</i></p>

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S-07			441	Site Data 10.17 Depot Design Report (S-07) c) Consolidation Assessment	Table 8.1.3 Summary of Immediate and Secondary Consolidation of South Depot Site	<p>According to Estimated Maximum Settlement shown on Table 8.1.3-10 of Depot Design Report, Immediate settlement and Consolidation Settlement would be incurred for 67 to 371mm and 27 to 335mm respectively after finishing embankment. And estimated total settlement would be 176 to 449mm for each section.</p> <p>Q1) Please clarify allowable settlement for Access Road and Access Track.</p> <p>Q2) It is expected approximately 50,000m3 of embankment will be required in addition to embankment quantity in BOQ to compensate settlement during construction period. Please clarify this compensation embankment will be measured by means of settlement monitoring or it shall be included in the rate of the embankment?</p>	<p><i>Allowable settlement to the track work is more critical than road works.</i></p> <p><i>The bidder shall be required to meet allowable settlement 30mm/year for ground improvement works after completion of embankment.</i></p> <p><i>There will be no separate measurement for any settlement of embankment, therefore the bidder shall be allowed additional filling works in the rate.</i></p>
S-07	Volume 2	TS 100 & 02_Book 2 03_S07 ELEC	N/A	SCR_P_TS 100 item 145.3.2 & NSRP-DWG-DEP-EL- 5101_[21.1] Filling material		<p>Please clarify the filling materials between conduits for underground electrical cables.</p> <p>The plan(drawing) says concrete spacer, while TS145.3.2 says Sand and soil.</p> <p>Please confirm which will govern.</p>	<i>Concrete spacer shall be used to support electric cable in place and then backfilled with sand and soil.</i>
S-07	Volume 1	Sec.4A BoQ	N/A	Bill No.1 GS118(5.3) Annual replenishment of EGF Trust Fund GS118(5.5) Annual replenishment of EGF Cash Fund	N/A	<p>Please provide details to calculate for Annual replenishment of EGF Trust Fund and Annual replenishment of EGF Cash Fund. Or please consider to include in to provisional sum for aforesaid Fund as it should be controlled for entire project under the Employer's control.</p>	<i>Bidder is referred to GS 118 for replenishment procedures and details.</i>
S-07	GBB 18	General - Customs Duties	32	N/A	<p>Clarification Request) We request confirmation about any tax exemption for custom duties applicable to the project or the client to consider in the tender.</p> <p>Response) The Contractor does not pay for import taxes. Contractor needs to submit in advance a list of items to be imported monthly to DOTr, then DOTr will issue a Certificate of Undertaking to the Bureau of Customs.</p>	<p>We understand that the Contractor would not be responsible to pay import taxes for Materials imported for Permanent Structure such as rebar, cement, and etc.. Please confirm.</p>	<i>The payment of import taxes is not exempt, but assumed by Government of the Philippines. The assumption of import taxes extends to permanent structure.</i>
S-07	Volume 2	Sec.6 ERQ	GS100 - Appendix 5 - page 3	C. Technical Specification (TS) 103.2 Material Requirement	The Employer and Engineer's office shall provide sufficient space for 7 executive officers and 100 regular staffs.	<p>We see same requirement is given to all packages S04-07 in SCR_P project. We are wondering this requirement of accommodating 107 persons in one office is for entire project or for each single package?</p>	<i>Site offices will be provided for each single package. The number of seats in the site offices of each package has been determined by the Engineer and the Employer to be the requirement to accommodate the estimated number of Engineer's and the Employer's personnel.</i>

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S-04		Volume 2, Specification GS	GS100 Appendix 4	Contractor's Interface and Coordination with Others	A2 Power Distribution System	According to GS100 Appendix 4 matrices, the Bidder is required to install "Earthing and grounding system" supplied by E&M System Contractor. However, the Bidder is not able to locate the information associated with the installation of "Earthing and grounding system" within the ITB. Please kindly provide the Bidder with the drawing and associated quantities relevant to this work.	1) The Civil Works Contractor's scope covers the earthing for each respective Station & Substation Building. Please refer to the Addendum 4 BOQ, Bill Nos. 4-1 to 4-4 and Bill Nos. 6-1 to 6-5; Electrical Works, Earthing System. On the other hand, the Mainline Earthing System shall be covered by the E&M Contractor (or By Others) under Package CP NS-01. 2) For the Interfacing Works, Please refer to the BOQ, Bill No. 1, Item GS126 and to the General Specifications, Section GS126.
S-05		Volume 2, 01 Specification, 01 GS		Appendix 7, Item 4 PNR Track Relocation Program	4. Please see attached outline program and scope of works.	The contractor was wondering if the outline program was effective or not as of May 1, 2021. If there is any change in the schedule appeared in the outline program, please kindly provide the Contractor with the updated schedule for PNR relocation.	Bidder is advised it is the intention of the Employer to have the PNR track relocation works substantially completed before commencement of civils works. Bidder is also referred to additional Land Access information issued in Addendum 4.
S-06		Volume 2, 01 Specification, 01 GS		Appendix 7, Item 4 PNR Track Relocation Program	4. Please see attached outline program and scope of works.	The contractor was wondering if the outline program was effective or not as of May 1, 2021. If there is any change in the schedule appeared in the outline program, please kindly provide the Contractor with the updated schedule for PNR relocation.	Bidder is advised it is the intention of the Employer to have the PNR track relocation works substantially completed before commencement of civils works. Bidder is also referred to additional Land Access information issued in Addendum 4.
S-06		Volume 2, Drawing Specification TS 700 CP S04-07 Responses to Clarification Request (GBB No. 22)			707.1.1 Method of Measurement 1) Conduit is measured in "Linear Meter" and rate shall include: e) Painting where specified on the Drawing 2) Cable Tray and Cable Ladder are measured as "Linear Meter" and rate shall include the following items: c) Painting where specified on the Drawing Painting for conduit and cable trays is mentioned on TS 700A. The painting works are part of the bidder's works.	According to TS 700A and GBB No.22, conduit and trays are supposed to be painted where specified. However, drawings do not have any information of painting works such as colors, areas, thickness and etc. It seems that certain parts of conduit and trays are required to be painted with designated color.(ex. Fire alarm conduit with red). Please kindly provide the Bidder with detailed requirements of painting works.	Utility color identification as applicable is subject for coordination and consideration by the contractor.

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S-06		CP S04-07 Responses to Clarification Requests (Batch 12)	40	IB- General Specification Clause 120.10	<p>Clarification Request (3) All submittal for the approval requires "Third Party Check Certificate"? If not, more specific statement is required. In addition, Third Party Check Certificate also includes the endorsement of professional engineer registered in Philippines?</p> <p>Final Response (3) Yes</p>	<p>Based on the Final Response, "all submittal for the approval requires 'Third Party Check Certificate'".</p> <p>However, based on 'GS 120.10 Other Required Documents and Records', 'b) v Third Party Check Certificates' excludes 'a) Working Drawings' and 'b) Other Construction related Documents i-iv, vi-viii'.</p> <p>Please provide list of submittals that require 'b) v) Third Party Certificates'.</p> <p>'GS 120.10 Other Required Documents and Records'</p> <p>a) Working Drawing including but not limited to: i Shop Drawings; ii Fabrication Drawings; iii Temporary Works Drawing including utilities, traffic and erection drawings iv Bar Bending schedules; and v Bar Reference Drawing. b) Other Construction related documents such as: i Detailed Construction Method Statements including the Method Statements on Safety developed from the Safety Plan ii Safety Risk Assessment; iii Erection Sequence Statement; iv Design work, calculations and reports related to the contractor's temporary works or other contractor or manufacturer designed systems; v Third Party Check Certificates vi Casting sequence for all precast and cast in-situ works; vii Conservation Management Plan for structures affected by the alignment for presentation to Cultural Agencies and viii All other documents deemed necessary by the Contractor for the accurate and safe construction of the Works in accordance with the Contract</p>	<p>The Third Party Check Certificate is referred to GS 120.10. Other Required Documents and Records.</p> <p>This certificate will be required to Permanent work design ("Noise Barrier", "(Pot & Elastomeric) Bearings" and "Seismic Restrainer") and Temporary work design which shall be covered major temporary works such as crossing the existing road and PNR track, excavation very close to the PNR track, working very close to the PNR track at station and the like.</p>
S-07		Vol 3. Sec.8 PCC	PCC 7 PCC 8	Key Dates - KD 05-1 KD 06-1		During the Partial Operation test, is there any access issues in buildings for builders work and/or building M&E works?	Bidder is referred to the latest published Key Dates.
S-04		Volume 1 Section 4				<p>Due to the personal data privacy laws implemented in various countries(i.e. Personal Data Privacy Ordinance in Hong Kong, Data Privacy Act in the Philippines), some of our proposed personnel are not be able to provide their Date of Birth as required in Form PER-2, and copies of education certificates, proof of vocational training and continuing certification as mentioned in BF23.</p> <p>Instead, we can provide their years of experience and qualification details (i.e.educational qualifications).</p> <p>Please confirm the acceptability of the above submission.</p>	Entering the bidding process is voluntary and so there would be no data privacy issue if the prospective bidder will give consent to sharing the data/information for transparency purposes. The bidding process is a mechanism to ensure transparency in procuring and entering into government contracts, funded by public money. Data privacy laws should not be invoked to justify non-submission of required information for a Tender that a prospective Bidder is voluntarily participating. The use and disclosure of the data are only in furtherance of the Project as required by Law. The Employer shall exercise a degree of care to protect the Data from misuse and unauthorized access or disclosure.

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S-05		Volume 1 Section 4				<p>Due to the personal data privacy laws implemented in various countries(i.e. Personal Data Privacy Ordinance in Hong Kong, Data Privacy Act in the Philippines), some of our proposed personnel are not be able to provide their Date of Birth as required in Form PER-2, and copies of education certificates, proof of vocational training and continuing certification as mentioned in BF23.</p> <p>Instead, we can provide their years of experience and qualification details (i.e.educational qualifications).</p> <p>Please confirm the acceptability of the above submission.</p>	<p><i>Entering the bidding process is voluntary and so there would be no data privacy issue if the prospective bidder will give consent to sharing the data/information for transparency purposes. The bidding process is a mechanism to ensure transparency in procuring and entering into government contracts, funded by public money. Data privacy laws should not be invoked to justify non-submission of required information for a Tender that a prospective Bidder is voluntarily participating. The use and disclosure of the data are only in furtherance of the Project as required by Law. The Employer shall exercise a degree of care to protect the Data from misuse and unauthorized access or disclosure.</i></p>
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S-05		Sec 6 II DRAWING MAINLINE DRAINAGE		12_CP S-05_Main Drainage (NSRP-DWG VIA05-DR-0007)	CANAL REALIGNMENT CROSSING CROSSING UNDER THE PNR TEMPORARY TRACK.	<p>In NSRP-DWG VIA05-DR-0007, the tabulated schedule of Canal Realignment with culvert at all chainage (except 34+520, 34+700, & 36+740), are crossing under the PNR Freight and Temporary Track.</p> <p>1. Please confirm if the PNR Temporary Track shall be relocated ahead of the scheduled construction of drainage culvert structure. 2. If the schedule of Drainage culvert structure will be performed first, please provide temporary support of the PNR Temporary Track.</p>	<p><i>1) PS-17 - Culvert Design and Construction underneath PNR Track (advance works). Please refer to the Addendum 6 BOQ, Bill No. 8-Schedule of Provisional Sum.</i></p> <p><i>2)As "Advance Works" - the culvert works should be implemented in advance (or ahead of the regular BOQ work items) - with systematic planning & scheduling.</i></p>

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S-05		Volume 1 Part 1 Bidding Procedure Section 4 Bidding Forms and Volume 2 Part II Requirements Sect 6 Employers Requirement 1B Gen Spec		Programming Proposal - Construction Schedule, Item 4 DSDRP and GS 110.3, Design Submittal and Design Review Program (DSDRP) and General Bid Bulletin GBB	GBB 20, page 1, "Contractor will be responsible for design of, but not limited to, temporary works and builders wrk in connection with services and any other design as specified in Bid Doc"). - Elevator and Escalator: TS 557 and 558. Design,..... of Elevators and Escalator. - Cable tray: GBB 16, p 16 & 25, "Cable tray sys shall withstand earthquake (seismic req'ts). Supports and other fasteners shall be as per manufacturer's recommendation, vendor to validate." - Bearing Type 1 and 2: GBB 14 p 17 & 28 and GBB 16 p 85 & 88 , "No details has been provided in the drwgs for Type 1 bearings since the Contractor will design the bearings as per Note #3 in NSRP-DWG-VIA00-ST 0781 Rev 21.1. All Bearings shall be designed by Contractor as per the req'ts of AASHTO LRFD 2016" NSRP-DWG-BC02-ST-3051; and (BC03-ST-4050; BC07-ST-8050), all Rev 21.2 - Bird Wire Detail: GBB 18 p 336 & 37, "Bird wire detail to be provided by contractor"	The list of permanent structural and equipmnt elements, were recommended for design under DSDRP, Program Proposal – Construction Schedule - Elevator and Escalator - Cable Tray - Bearing Type 1 and 2 - Bird Wire Screen Contractor will assist in the design of permanent element. However, Contractor will not assumed the full responsibilty of the design work. The SCRIP contract is under the build and construct scheme. The Employer will be the responsible party for design. Request for your clarification.	These are design and build items and the responsibility of the Civil Works Contractor.
S-05		CP S-05 Volume 2_03 Book 2 (Structural)		NSRP-DWG-STA-SPO-ST- 4201 NSRP-DWG-STA-PTA- ST-4201 NSRP-DWG-STA-BIN-ST- 4201 NSRP-DWG-STA-SRO- ST-4201		Will there be embankment/backfill under Plaza Level of Stations? If no, please confirm that there will be permanent forms under Plaza Level where the clearance between Plaza level and Ground Level is too small for the formworks to be recovered.	The void under the plaza station shall be backfilled.
S-06		Sec 6 II DRAWING MAINLINE DRAINAGE		12_CP S-05_Main Drainage (NSRP-DWG VIA05-DR- 0007)	CANAL REALIGNMENT CROSSING CROSSING UNDER THE PNR TEMPORARY TRACK.	In NSRP-DWG VIA05-DR-0007, the tabulated schedule of Canal Realignment with culvert at all chainage (except 34+520, 34+700, & 36+740), are crossing under the PNR Freight and Temporary Track. 1. Please confirm if the PNR Temporary Track shall be relocated ahead of the scheduled construction of drainage culvert structure. 2. If the schedule of Drainage culvert structure will be performed first, please provide temporary support of the PNR Temporary Track.	1) PS-14 - Culvert Design and Construction underneath PNR Track (advance works). Please refer to the GBB 31 Addendum 6 BOQ, Bill No. 8-Schedule of Provisional Sum. 2)As "Advance Works" - the culvert works should be implemented in advance (or ahead of the regular BOQ work items) - with systematic planning & scheduling.

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S-06		CP S-06 Volume 2_03 Book 2 (Structural)		NSRP-DWG-STA -CAB- ST-4201 NSRP-DWG- STA-BAN-ST-4201 NSRP- DWG-STA-CAL-ST-4201		Will there be embankment/backfill under Plaza Level of Stations? If no, please confirm that there will be permanent forms under Plaza Level where the clearance between Plaza level and Ground Level is too small for the formworks to be recovered.	The void under the plaza station shall be backfilled.
S-07		CP S-07 IFB	1	3	Bid Security Ability to furnish a bank security of US\$ Five Million (5,000,000).	If it's acceptable to furnish the bank security of Pesos equivalent to US\$ Five Million.	The Bidder shall furnish a bid security compliant to the ITB19.1.

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S-04		Vol.1 Section 4, 4A & CP S04-07 Responses to Clarification Requests	1	BOQ, Preamble clause 3	<p>P S04-07 Responses to Clarification Requests (GBB22)</p> <p>The quantities in the BOQ are accurate and measured from Detailed Design. Admeasurement is the measurement of change from Detailed Design to revised Detailed Design and /or Variations as instructed by the Engineer.</p> <p>Further, any obvious errors detected in quantification in the BOQ shall, subject to the agreement of the Engineer, be re-measured and corrected. The Contractor is not expected to take the risk of errors in quantities.</p> <p>Bidder is advised that PCC Clause 1.1.6.12 related to ad-measurement definition will be removed in Addendum 3.</p> <p>However, changes from Detailed Design to revised designs post-award as instructed shall be a VO and shall be covered by GCC Clause 13.</p>	<p>The Bidder would like to request for clarification on the matter below to avoid any possibility of unilateral mistake which can be occurred in connection with GCC Clauses herein.</p> <p>As the Employer mentioned in the final response, we agree and understand that the quantities in the BOQ are measured from Detailed Design. However, for the accurateness, GCC 14.1 unambiguously states that “any quantities which may be set out in the Bill of Quantities is considered as estimated quantities and not to be taken as the actual and correct quantities”.</p> <p>In terms of estimated quantities, the Works shall be measured and valued for payment as stated in GCC 12.1 and measurement shall be made of the net actual quantity of each item of Permanent Works in accordance with GCC 12.2. Pursuant to the GCC 12.1 and GCC 12.2, the payment shall be made based on the net actual quantity of each item of Permanent Works, which shall not be subject to any obvious error detected in quantification. We would appreciate if the Employer clarifies whether Bidder’s understanding is correct.</p>	<p><i>Bidder's understanding is correct.</i></p>
S-05		Vol.1 Section 4, 4A & CP S04-07 Responses to Clarification Requests	1	BOQ, Preamble clause 3	<p>P S04-07 Responses to Clarification Requests (GBB22)</p> <p>The quantities in the BOQ are accurate and measured from Detailed Design. Admeasurement is the measurement of change from Detailed Design to revised Detailed Design and /or Variations as instructed by the Engineer.</p> <p>Further, any obvious errors detected in quantification in the BOQ shall, subject to the agreement of the Engineer, be re-measured and corrected. The Contractor is not expected to take the risk of errors in quantities.</p> <p>Bidder is advised that PCC Clause 1.1.6.12 related to ad-measurement definition will be removed in Addendum 3.</p> <p>However, changes from Detailed Design to revised designs post-award as instructed shall be a VO and shall be covered by GCC Clause 13.</p>	<p>The Bidder would like to request for clarification on the matter below to avoid any possibility of unilateral mistake which can be occurred in connection with GCC Clauses herein.</p> <p>As the Employer mentioned in the final response, we agree and understand that the quantities in the BOQ are measured from Detailed Design. However, for the accurateness, GCC 14.1 unambiguously states that “any quantities which may be set out in the Bill of Quantities is considered as estimated quantities and not to be taken as the actual and correct quantities”.</p> <p>In terms of estimated quantities, the Works shall be measured and valued for payment as stated in GCC 12.1 and measurement shall be made of the net actual quantity of each item of Permanent Works in accordance with GCC 12.2. Pursuant to the GCC 12.1 and GCC 12.2, the payment shall be made based on the net actual quantity of each item of Permanent Works, which shall not be subject to any obvious error detected in quantification. We would appreciate if the Employer clarifies whether Bidder’s understanding is correct.</p>	<p><i>Bidder's understanding is correct</i></p>

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S-06	Sec 6 II DRAWING MAINLINE DRAINAGE			13_CP S-06_Main Drainage (NSRP-DWG VIA06-DR-0004)	AT-GRADE MAINLINE DRAINAGE - DETAIL OF DRAINAGE CROSSING THE PNR TEMPORARY TRACK	Please Clarify the NOTE 6: 6. DRAINAGE CROSSING CONNECTION CONSTRUCTION SEQUENCE 6.1 CONSTRUCTION OF DRAINAGE CROSSING UNDERNEATH THE FREIGHT TRACK AND PNR TEMPORARY TRACK ARE BY OTHERS AND IS NOT INCLUDED IN THIS CONSTRUCTION PACKAGE. PROFILES AND PLANS PRESENTED IN 4000 SERIES OF DRAWING ARE FOR INFORMATION ONLY. (Please note that the canal reallocation were using the Plans and Profiles in drawing 4000 series)	1) PS-14 - Culvert Design and Construction underneath PNR Track (advance works). Please refer to the GBB 31 Addendum 6 BOQ, Bill No. 8-Schedule of Provisional Sum. 2)As "Advance Works" - the culvert works should be implemented in advance (or ahead of the regular BOQ work items) - with systematic planning & scheduling.
S-06	CP S-06 Volume 2_03 Book 2 (Structural)			NSRP-DWG-STA -CAB- ST-4201 NSRP-DWG- STA-BAN-ST-4201 NSRP- DWG-STA-CAL-ST-4201		Will there be embankment/backfill under Plaza Level of Stations? If no, please confirm that there will be permanent forms under Plaza Level where the clearance between Plaza level and Ground Level is too small for the formworks to be recovered.	The void under the plaza station shall be backfilled.
S-04	Vol.1 Section 4, 4A & CP S04-07 Responses to Clarification Requests			BOQ, Preamble clause 3	P S04-07 Responses to Clarification Requests (GBB22) The quantities in the BOQ are accurate and measured from Detailed Design. Admeasurement is the measurement of change from Detailed Design to revised Detailed Design and /or Variations as instructed by the Engineer. Further, any obvious errors detected in quantification in the BOQ shall, subject to the agreement of the Engineer, be re-measured and corrected. The Contractor is not expected to take the risk of errors in quantities. Bidder is advised that PCC Clause 1.1.6.12 related to ad-measurement definition will be removed in Addendum 3. However, changes from Detailed Design to revised designs post-award as instructed shall be a VO and shall be covered by GCC Clause 13.	In case that the safety hoarding is installed with compliance to GS131.4, part of safety hoarding will be located under the construction area of viaduct as captured below. Please provide with detailed safety requirement or standard for the construction above the operational PNR. Can we see this figure? The Bidder would like to request for clarification on the matter below to avoid any possibility of unilateral mistake which can be occurred in connection with GCC Clauses herein. As the Employer mentioned in the final response, we agree and understand that the quantities in the BOQ are measured from Detailed Design. However, for the accurateness, GCC 14.1 unambiguously states that "any quantities which may be set out in the Bill of Quantities is considered as estimated quantities and not to be taken as the actual and correct quantities". In terms of estimated quantities, the Works shall be measured and valued for payment as stated in GCC 12.1 and measurement shall be made of the net actual quantity of each item of Permanent Works in accordance with GCC 12.2. Pursuant to the GCC 12.1 and GCC 12.2, the payment shall be made based on the net actual quantity of each item of Permanent Works, which shall not be subject to any obvious error detected in quantification. We would appreciate if the Employer clarifies whether Bidder's understanding is correct.	The Employer reiterates that remeasurement will only take place to reflect changes from Detailed Design to revised Detailed Design and /or Variations as instructed by the Engineer. Further, and as previously advised, the Contractor is not expected to take the risk of errors in quantities. Bidder is also advised that GCC Clauses in relation to Measurement and Evaluation and Contract Price and Payment shall apply.

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Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	<i>Final Response</i>
S-05	Vol.1 Section 4, 4A & CP S04-07 Responses to Clarification Requests			BOQ, Preamble clause 3	<p>P S04-07 Responses to Clarification Requests (GBB22)</p> <p>The quantities in the BOQ are accurate and measured from Detailed Design.</p> <p>Admeasurement is the measurement of change from Detailed Design to revised Detailed Design and /or Variations as instructed by the Engineer.</p> <p>Further, any obvious errors detected in quantification in the BOQ shall, subject to the agreement of the Engineer, be re-measured and corrected. The Contractor is not expected to take the risk of errors in quantities.</p> <p>Bidder is advised that PCC Clause 1.1.6.12 related to ad-measurement definition will be removed in Addendum 3.</p> <p>However, changes from Detailed Design to revised designs post-award as instructed shall be a VO and shall be covered by GCC Clause 13.</p>	<p>In case that the safety hoarding is installed with compliance to GS131.4, part of safety hoarding will be located under the construction area of viaduct as captured below. Please provide with detailed safety requirement or standard for the construction above the operational PNR. Can we see this figure?</p> <p>The Bidder would like to request for clarification on the matter below to avoid any possibility of unilateral mistake which can be occurred in connection with GCC Clauses herein.</p> <p><i>As the Employer mentioned in the final response, we agree and understand that the quantities in the BOQ are measured from Detailed Design. However, for the accurateness, GCC 14.1 unambiguously states that "any quantities which may be set out in the Bill of Quantities is considered as estimated quantities and not to be taken as the actual and correct quantities".</i></p> <p><i>In terms of estimated quantities, the Works shall be measured and valued for payment as stated in GCC 12.1 and measurement shall be made of the net actual quantity of each item of Permanent Works in accordance with GCC 12.2. Pursuant to the GCC 12.1 and GCC 12.2, the payment shall be made based on the net actual quantity of each item of Permanent Works, which shall not be subject to any obvious error detected in quantification. We would appreciate if the Employer clarifies whether Bidder's understanding is correct.</i></p>	<p><i>The Employer reiterates that remeasurement will only take place to reflect changes from Detailed Design to revised Detailed Design and /or Variations as instructed by the Engineer. Further, and as previously advised, the Contractor is not expected to take the risk of errors in quantities. Bidder is also advised that GCC Clauses in relation to Measurement and Evaluation and Contract Price and Payment shall apply.</i></p>
S-06	Vol.1 Section 4, 4A & CP S04-07 Responses to Clarification Requests			BOQ, Preamble clause 3	<p>P S04-07 Responses to Clarification Requests (GBB22)</p> <p>The quantities in the BOQ are accurate and measured from Detailed Design.</p> <p>Admeasurement is the measurement of change from Detailed Design to revised Detailed Design and /or Variations as instructed by the Engineer.</p> <p>Further, any obvious errors detected in quantification in the BOQ shall, subject to the agreement of the Engineer, be re-measured and corrected. The Contractor is not expected to take the risk of errors in quantities.</p> <p>Bidder is advised that PCC Clause 1.1.6.12 related to ad-measurement definition will be removed in Addendum 3.</p> <p>However, changes from Detailed Design to revised designs post-award as instructed shall be a VO and shall be covered by GCC Clause 13.</p>	<p>In case that the safety hoarding is installed with compliance to GS131.4, part of safety hoarding will be located under the construction area of viaduct as captured below. Please provide with detailed safety requirement or standard for the construction above the operational PNR. Can we see this figure?</p> <p>The Bidder would like to request for clarification on the matter below to avoid any possibility of unilateral mistake which can be occurred in connection with GCC Clauses herein.</p> <p><i>As the Employer mentioned in the final response, we agree and understand that the quantities in the BOQ are measured from Detailed Design. However, for the accurateness, GCC 14.1 unambiguously states that "any quantities which may be set out in the Bill of Quantities is considered as estimated quantities and not to be taken as the actual and correct quantities".</i></p> <p><i>In terms of estimated quantities, the Works shall be measured and valued for payment as stated in GCC 12.1 and measurement shall be made of the net actual quantity of each item of Permanent Works in accordance with GCC 12.2. Pursuant to the GCC 12.1 and GCC 12.2, the payment shall be made based on the net actual quantity of each item of Permanent Works, which shall not be subject to any obvious error detected in quantification. We would appreciate if the Employer clarifies whether Bidder's understanding is correct.</i></p>	<p><i>The Employer reiterates that remeasurement will only take place to reflect changes from Detailed Design to revised Detailed Design and /or Variations as instructed by the Engineer. Further, and as previously advised, the Contractor is not expected to take the risk of errors in quantities. Bidder is also advised that GCC Clauses in relation to Measurement and Evaluation and Contract Price and Payment shall apply.</i></p>

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Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	<i>Final Response</i>
S-06	Volume 2	Section 6 The Employer's Requirements (ERQ)		GS 100 - Appendix 5 - Page 9 of Addendum no. 2 / GS 100 Appendix 5 of Addendum no. 2, 5.3.2 List of Hardware Devices and Software	Ref. 18. Auto CAD licenses - 94 Sets	Bidder would like to clarify if "Auto CAD licenses 94 sets" is referring to Auto CAD LT or Auto CAD Full?	<i>"CAD licenses 94 sets" refer to the full CAD software.</i>
S-06	Volume 1	Section 4 Bidding Form (BF)		Table of Adjustment Data in Addendum 2, Page BF 10 / Table A - Local Currency Payment	1: (Labour) Philippines Statistics Authority: Table 18 - Average Daily Basic Pay of Wage and Salary Workers by Major Industry Group item "construction" under Non-Agriculture, Industry category.	<p>The latest data in PSA's website for Table 18 - Average Daily Basic Pay of Wage and Salary Workers by Major Industry Group is until January 2018 only. As per PSA's Information Officer, they already discontinued their Current Labor Statistics (CLS) Publication and confirmed that the latest date is only until January 2018.</p> <p>Bidder would like to request the Employer to provide alternative source of data for Labour to be used for Table A - Local Currency Payment.</p>	<p><i>Bidders are advised to use the following indexation for price adjustment Table of Adjustment Data in Vol. 1, Section 4, that shall supersede any previous revisions. The indexation in the Table of Adjustment will be revised in the final version of contract documents:</i></p> <p><i>Labor</i> <i>Table 5.2.1 Quarterly Indices on Compensation per Employee, Construction, at Current Prices (2016=100).</i> <i>http://www.psa.gov.ph/qei-press-releases/tables</i></p> <p><i>Equipment:</i> <i>Table 1 - Construction Materials Wholesale Price Index (CMWPI) in the National Capital Region (NCR) item "Machinery and Equipment Rental".</i> <i>https://psa.gov.ph/content/construction-materials-wholesale-price-index-national-capital-region-2012100-july-2019</i></p> <p><i>Material - Bidder to follow the revision made in Addendum 2.</i></p>

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Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	<i>Final Response</i>
S-06	Volume 1	Section 4 Bidding Form (BF)		Table of Adjustment Data in Addendum 2, Page BF 10 / Table A - Local Currency Payment	1: (Labour) Philippines Statistics Authority: Table 18 - Average Daily Basic Pay of Wage and Salary Workers by Major Industry Group item "construction" under Non-Agriculture, Industry category.	Bidder would like to know if Department of Labor and Employment (DOLE) Wage Order acceptable to the Employer as the basis of Table A - Local Currency Payment?	<p><i>Bidders are advised to use the following indexation for price adjustment Table of Adjustment Data in Vol. 1, Section 4, that shall supersede any previous revisions. The indexation in the Table of Adjustment will be revised in the final version of contract documents:</i></p> <p><i>Labor</i> <i>Table 5.2.1 Quarterly Indices on Compensation per Employee, Construction, at Current Prices (2016=100).</i> http://www.psa.gov.ph/qei-press-releases/tables</p> <p><i>Equipment:</i> <i>Table 1 - Construction Materials Wholesale Price Index (CMWPI) in the National Capital Region (NCR) item "Machinery and Equipment Rental".</i> https://psa.gov.ph/content/construction-materials-wholesale-price-index-national-capital-region-2012100-july-2019</p> <p><i>Material - Bidder to follow the revision made in Addendum 2.</i></p>

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Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-06	Volume 1	Section 4 Bidding Form (BF)		Table of Adjustment Data in Addendum 2, Page BF 10 / Table A - Local Currency Payment	2: (Equipment): Philippine Statistics Authority: Item no. 10 "Other special industrial machines" under A. Machinery Specialized for Particular Industries under the National Account of the Philippines Table 17 Cross Domestic Capital Formation in Durable Equipment by Major Type, Implicit Price Index.	Bidder would like to confirm that "National Accounts of the Philippines, Base Year: 2000 (As of January 2000)" is the latest data to be used for Table A - Local Currency Payment as the basis for Equipment.	<p><i>Bidders are advised to use the following indexation for price adjustment Table of Adjustment Data in Vol. 1, Section 4, that shall supersede any previous revisions. The indexation in the Table of Adjustment will be revised in the final version of contract documents:</i></p> <p><i>Labor</i> <i>Table 5.2.1 Quarterly Indices on Compensation per Employee, Construction, at Current Prices (2016=100).</i> http://www.psa.gov.ph/qei-press-releases/tables</p> <p><i>Equipment:</i> <i>Table 1 - Construction Materials Wholesale Price Index (CMWPI) in the National Capital Region (NCR) item "Machinery and Equipment Rental".</i> https://psa.gov.ph/content/construction-materials-wholesale-price-index-national-capital-region-2012100-july-2019</p> <p><i>Material - Bidder to follow the revision made in Addendum 2.</i></p>
S-04.	1.3b CP S-04 Vol.1A Sec.4A BOQ_Add.3_202 10331 Rev1		No. 4-2	NSRP-DWG-MUN-ST-4101[21.3]	At drawing NSRP-DWG-MUN-ST-4101[21.3] vs At Low-Strain Integrity Test of BOQ	According to the drawing of Muntinlupa Station, There are 136 nos piles . According to 204 of the Technical Specification, Low Strain Pile integrity tests shall be carried out on every pile in accordance with the requirements of ASTM D5882. However, Total quantity of Low-strain Integrity test is 120 at the BOQ 4-2. Please, clarify the discrepancy.	<i>Bidder is advised to refer to the latest published BOQ item 401(12) Low Strain Integrity Test, quantity of 136 Nos.</i>
S-05	1.3b CP S-05 Vol.1A Sec.4A BOQ_Add.3_202 10331 Rev1		No. 4-4	NSRP-DWG-SRO-ST-4101[21]	At drawing NSRP-DWG-SRO-ST-4101[21] and drawing NSRP-DWG-SRO-ST-4601[21] vs At Low-Strain Integrity Test of BOQ	According to the drawings of Sta. Roas Station, There are 186 nos piles . According to 204 of the Technical Specification, Low Strain Pile integrity tests shall be carried out on every pile in accordance with the requirements of ASTM D5882. However, Total quantity of Low-strain Integrity test is 176 at the BOQ 4-4. Please, clarify the discrepancy.	<i>Bidder is advised to refer to the latest published BOQ item 410(12).</i> <i>PIN 401(12) low-strain Integrity Test - 210 nos.</i>
S-06	CPS06 Site Access Delivery Schedule				1. Manila water underground. 2. Meralco Electric pole and Meralco Electric line 3. ETPI Telephone Underground	There are 3 type of utilities on site. They will be diversified before commencement date or designated date. The bidder hopes to know new positions and new the location of line if it will be inner ROW. Please, provide new position and location for 3 types of Utilities as well as what type of new one is? underground embedded or hanggin in the sky?	<i>The Bidder is referred to Land Access Dates and Drawings and conditions of utilities for each access date issued in Addendum 4.</i>

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Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-04	SCRP Site Data Utilities Database and Drawings		PKG 4	NSRP-DWG-GEN-UT- 0270-0327	SCRP-CP S-04_Site Data_10.3_Vol_2-3 - Existing Utilities Database _ Drawings & SCRP Vol.2 Sec.6III Supplementary Information 20210505 Addendum 4	As per the Supplementary Information in addendum #4, it is said that "Specific to S04 - It shall be noted that through part of the alignment of CP S-04 there is an existing National Grid Corporation of the Philippines (NGCP) high voltage overhead cable which will continue to remain operational. The Contractor will be required to take cognizance of this and shall develop a safe construction and interfacing methodology, recognizing the prescribed construction period, whilst the relocation of this cable is being planned and executed by others". NGCP high voltage overhead cable in the drawing ref NSRP-DWG-GEN-UT-0270-0327 is interfere with SCRCP structures especially in station area drawing ref NSRP-DWG-GEN-UT-0291 and other permanent structure works drawing ref 0295, 0296, ... etc. Please advise how can we handle this kind of interference during construction stage.	<i>Bidder is referred to Note 2 of the Site Access Dates in Volume 2 Book 3 of Addendum 4 which states "Batch 1, 1st July 2022. It is anticipated that the Contractor is required to commence sub structures work under or with close proximity with live NGCP power line. Contractor must conduct site investigation during bidding and to submit detail method statement prior to commencement of work."</i>
S-07	Volume 1A		14	Schedule of Provisional Sum		Please clarify that the price of Provisional Sum PS-9 'Water Supply System' are included in all necessary material supply and installation of deep well which is shown in drawing NSRP-DWG-DEP-PL-3009.	<i>The price of Provisional Sum PS-9 'Water Supply System' includes but not limited to all necessary material supply and installation of the following: 1. Complete system of deep well including the water purification system that convert the raw water to potable water. 2. Test water supply for properties 3. Ground water pump and piping 4. Pumps for potable water 5. Supply distribution network of potable water</i>
S-04	Volume 2 – Section 6 II – Drawings – Addendum 4			Book 3 – Land Availability Drawings	Site Access Delivery Schedule – Site Access Dates	Hand-over dates particularly Batch 1 are mentioned only as percentages which are not sufficient to properly plan the sequence of work and may result to inaccurate resources, bloated cost on the program and inefficient logistic plan. Considering the above, please provide hand-over dates of each pier to have a reasonable construction program and reflect the staging works to align with the available possession.	<i>Bidder is advised to prepare its Construction Programme based on the Site Access Dates issued in Addendum 4. With respect to the percentages of land the Bidder is advised that the Employer shall endeavour to provide batches of land in continuous lengths. However there may, in certain situations, be constraints which prevent this.</i>
S-04	Volume 2 – Section 6 II – Drawings – Addendum 4	Site Access Delivery Schedule – Free and Clear Lands Status		Book 3 – Land Availability Drawings		Land Status drawing shows all piers in red color perimeter lines which means not accessible on the legend. It is not matching with the Site Access Dates drawings. Please clarify.	<i>Bidder shall note that Land Status Drawings are issued FOR INFORMATION ONLY and the bidder is referred to the Site Access Dates for information regarding release of land. With respect to the percentages of land the Bidder is advised that the Employer shall endeavour to provide batches of land in continuous lengths. However there may, in certain situations, be constraints which prevent this.</i>

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Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-04	Addendum 4 PCC & Book 3 Land Availability Drawings		PCC 17 & 3/54	14.7(a) & Site Access Dates	(a) the first instalment of the advance payment within 42 days after the Commencement Date or within 21 days after receiving the documents in accordance with Sub-Clause 4.2 [Performance Security] and Sub-Clause 14.2 [Advance Payment], whichever is later. & 1. Batch I will be handover in 2 stages, on the commencement date +274 days with the percentage stipulated on table above....	We understand from the given site access table, commencement date will start after 274 days from the contract signature. And as per PCC 14.7 (a) Advance Payment will be done within 42 days after the Commencement Date or within 21 days after receiving related bank guarantee bonds. Since Contractor will start mobilizing his personnel after contract award and start working, We would kindly request from Employer to clarify their intention to release Advance Payment after handing over the related bonds or commencement date.	Bidder is referred to revised PCC Clause 14.7 in Addendum 3 and revised PCC Clause 8.1 in Addendum 6. However, any Contractor's request for earlier payment may be considered by the Employer.
S-04	(Addendum 4) Volume 2 Explanatory Notes			Site Access Dates	2022-07-01 Percentage to Handover	According to the referred document, it is stipulated that partial area of Batch I will be handed over to Contractor on 2022-07-01 (=1st Jul 2022). In this regards, please confirm the Commencement Date shall be 1st Jul 2022.	The Bidder is referred to the tentative project implementation schedule issued in Site Data.
S-04	(Addendum 4) Vol.3 Sec.8 PCC 18.2(d) & Vol.2 Sec.6 IB GS 130.2.2 c)		PCC5 & GS95	Maximum amount of deductibles for insurance of the Employer's risks	GCC 17.3(c) – Riot, Commodity and Disorder – 5% of Loss or USD 150,000 maximum per occurrence, whichever amount is greater GCC 17.3(g) – Employer's Design risks – 10% of Loss or USD 350,000 maximum per occurrence, whichever is greater GCC 17.3(h) – Natural Catastrophes – 10% of Loss or USD 350,000 maximum per occurrence, whichever amount is greater	The maximum amount of deductibles for Insurance of the Employer's risk is revised as mentioned on the Reference Text Column from Addendum 4. 1) In this regard, kindly confirm that the case below is correct or not. - Due to Natural Catastrophes event, USD 5,000,000 of damage (loss) has been calculated. The amount of deductible shall be applied USD 500,000 (10% of loss) since this amount is greater than USD 350,000. 2) If the upper interpretation is not correct and the deductible amount is limited upto USD 350,000 regardless of the total Damage (loss), please delete "Maximum" since the current insurance market is not available to accommodate that condition.	Bidder is referred to revised insurance deductibles Volume 3 Section 8 Clause 18.2 (d) in Addendum 6.
S-04	SCRP Site Data Utilities Database and Drawings		PKG 4	NSRP-DWG-GEN-UT-0270~0327	SCRP-CP S-04_Site Data_10.3_Vol_2-3 - Existing Utilities Database _ Drawings & SCRP Vol.2 Sec.6III Supplementary Information 20210505 Addendum 4	As per the Supplementary Information in addendum #4, it is said that "Specific to S04 - It shall be noted that through part of the alignment of CP S-04 there is an existing National Grid Corporation of the Philippines (NGCP) high voltage overhead cable which will continue to remain operational. The Contractor will be required to take cognizance of this and shall develop a safe construction and interfacing methodology, recognizing the prescribed construction period, whilst the relocation of this cable is being planned and executed by others". NGCP high voltage overhead cable in the drawing ref NSRP-DWG-GEN-UT-0270~0327 is interfere with SCRPs structures especially in station area drawing ref NSRP-DWG-GEN-UT-0291 and other permanent structure works drawing ref 0295, 0296, ... etc. Please advise how can we handle this kind of interference during construction stage.	Bidder shall note that Land Status Drawings are issue FOR INFORMATION ONLY and the bidder is referred to the Site Access Dates for information regarding release of land. With respect to the percentages of land the Bidder is advised that the Employer shall endeavour to provide batches of land in continuous lengths. However there may, in certain situations, be constraints which prevent this.

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Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-04	Technical Specification - 200 Bridges and Viaduct Annex - A 207.1.1		Page 23	Method of Measurement for Reinforcing Steel	Bid Bulletin No. 7 Bild Bulletin No. 26	<p>Regarding the subject, Client clarified as Bidder is advised that the quantities of lap splicing shown in the drawings are included in reinforcement steel of BOQ and the quantities of lap splicing stated in the drawings issued for contract will be paid by the Employer.</p> <p>However, according to response in Bid Bulletin No. 26 No allowance shall be made for cutting, waste, laps.</p> <p>Please confirm if allowance has been included already in BOQ.</p> <p>If not, in our understanding, lap splicing at least shall be measured and paid by Client accordingly.</p> <p>Please advise in this regard.</p>	<i>The Bidder is advised that the BOQ quantities for reinforcing steel are calculated as shown on the drawings and in the full lengths specified in the contract documents. Please refer to the Technical Specifications, TS 200, Section 207, Sub-Section 207.7; Clause 207.7.1. Please also refer to the TS 200_Annex A, Clause 207.1.1, Paragraph 7.</i>
S-05	Addendum 4 Volume 2 Explanatory Notes			Site Access Dates		<p>According to the referred document, the partial area of Batch I will be handed over to Contractor on the Commencement Date.</p> <p>In case of CP S-04, 2022-07-01 (=1st Jul 2022) is the initial handover date, but there is no date stipulated in the same document of CP S-05.</p> <p>In this regards, please inform us whether the Commencement Date of CP S-05 is 1st Jul 2022 same as CP S-04 or not.</p>	<i>The Bidder is referred to the tentative project implementation schedule issued in Site Data.</i>
S-05	(Addendum 4) Vol.3 Sec.8 PCC 18.2(d) & Vol.2 Sec.6 IB GS 130.2.2 c)		PCC5 & GS95	Maximum amount of deductibles for insurance of the Employer's risks	<p>GCC 17.3(c) – Riot, Commodity and Disorder – 5% of Loss or USD 150,000 maximum per occurrence, whichever amount is greater</p> <p>GCC 17.3(g) – Employer's Design risks – 10% of Loss or USD 350,000 maximum per occurrence, whichever is greater</p> <p>GCC 17.3(h) – Natural Catastrophes – 10% of Loss or USD 350,000 maximum per occurrence, whichever amount is greater</p>	<p>The maximum amount of deductibles for Insurance of the Employer's risk is revised as mentioned on the Reference Text Column from Addendum 4.</p> <p>1) In this regard, kindly confirm that the case below is correct or not. - Due to Natural Catastrophes event, USD 5,000,000 of damage (loss) has been calculated. The amount of deductible shall be applied USD 500,000 (10% of loss) since this amount is greater than USD 350,000.</p> <p>2) If the upper interpretation is not correct and the deductible amount is limited upto USD 350,000 regardless of the total Damage (loss), please delete "Maximum" since the current insurance market is not available to accommodate that condition.</p>	<i>Bidder is referred to revised insurance deductibles Volume 3 Section 8 Clause 18.2 (d) in Addendum 6.</i>
S-05	Technical Specification - 200 Bridges and Viaduct Annex - A 207.1.1		Page 23	Method of Measurement for Reinforcing Steel	Bid Bulletin No. 7 Bild Bulletin No. 26	<p>Regarding the subject, Client clarified as Bidder is advised that the quantities of lap splicing shown in the drawings are included in reinforcement steel of BOQ and the quantities of lap splicing stated in the drawings issued for contract will be paid by the Employer.</p> <p>However, according to response in Bid Bulletin No. 26 No allowance shall be made for cutting, waste, laps.</p> <p>Please confirm if allowance has been included already in BOQ.</p> <p>If not, in our understanding, lap splicing at least shall be measured and paid by Client accordingly.</p> <p>Please advise in this regard.</p>	<i>The Bidder is advised that the BOQ quantities for reinforcing steel are calculated as shown on the drawings and in the full lengths specified in the contract documents. Please refer to the Technical Specifications, TS 200, Section 207, Sub-Section 207.7; Clause 207.7.1. Please also refer to the TS 200_Annex A, Clause 207.1.1, Paragraph 7.</i>

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Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-06	Addendum 4 Volume 2 Explanatory Notes			Site Access Dates		<p>According to the referred document, the partial area of Batch I will be handed over to Contractor on the Commencement Date.</p> <p>In case of CP S-04, 2022-07-01 (=1st Jul 2022) is the initial handover date, but there is no date stipulated in the same document of CP S-06.</p> <p>In this regards, please inform us whether the Commencement Date of CP S-06 is 1st Jul 2022 same as CP S-04 or not.</p>	<i>The Bidder is referred to the tentative project implementation schedule issued in Site Data.</i>
S-06	(Addendum 4) Vol.3 Sec.8 PCC 18.2(d) & Vol.2 Sec.6 IB GS 130.2.2 c)		PCC5 & GS95	Maximum amount of deductibles for insurance of the Employer's risks	<p>GCC 17.3(c) – Riot, Commodity and Disorder – 5% of Loss or USD 150,000 maximum per occurrence, whichever amount is greater</p> <p>GCC 17.3(g) – Employer's Design risks – 10% of Loss or USD 350,000 maximum per occurrence, whichever is greater</p> <p>GCC 17.3(h) – Natural Catastrophes – 10% of Loss or USD 350,000 maximum per occurrence, whichever amount is greater</p>	<p>The maximum amount of deductibles for Insurance of the Employer's risk is revised as mentioned on the Reference Text Column from Addendum 4.</p> <p>1) In this regard, kindly confirm that the case below is correct or not. - Due to Natural Catastrophes event, USD 5,000,000 of damage (loss) has been calculated. The amount of deductible shall be applied USD 500,000 (10% of loss) since this amount is greater than USD 350,000.</p> <p>2) If the upper interpretation is not correct and the deductible amount is limited upto USD 350,000 regardless of the total Damage (loss), please delete "Maximum" since the current insurance market is not available to accommodate that condition.</p>	<i>Bidder is referred to revised insurance deductibles Volume 3 Section 8 Clause 18.2 (d) in Addendum 6.</i>
S-06	Technical Specification - 200 Bridges and Viaduct Annex - A 207.1.1		Page 23	Method of Measurement for Reinforcing Steel	Bid Bulletin No. 7 Bild Bulletin No. 26	<p>Regarding the subject, Client clarified as Bidder is advised that the quantities of lap splicing shown in the drawings are included in reinforcement steel of BOQ and the quantities of lap splicing stated in the drawings issued for contract will be paid by the Employoer.</p> <p>However, according to response in Bid Bulletin No. 26 No allowance shall be made for cutting, waste, laps.</p> <p>Please confirm if allowance has been included already in BOQ.</p> <p>If not, in our understanding, lap splicing at least shall be measured and paid by Client accordingly.</p> <p>Please advise in this regard.</p>	<i>The Bidder is advised that the BOQ quantities for reinforcing steel are calculated as shown on the drawings and in the full lengths specified in the contract documents. Please refer to the Technical Specifications, TS 200, Section 207, Sub-Section 207.7; Clause 207.7.1. Please also refer to the TS 200_Annex A, Clause 207.1.1, Paragraph 7.</i>
S-06	Addendum 3 Vol. 1 BOQ No.2			102(1)a & 102(2)a		<p>As per the Addendum No.3, excavation quantity indicated in the "102(1)a Unsuitable Excavation at dry condition" and "102(2)a Common Excavation(Maintenance Road)" are deleted. However, considering the current existing ground level described in the drawings, there must be some area where the exvation work is required. Please be requested to explain the gap between the BOQ quantity and the drawings.</p>	<i>The Bidder is advised that the work item 102(1)a is Not Applicable to CP S-06. Further, the excavations for roads as reflected/described on the drawings - are covered by Work item No. 103(1)b -Embankment (Using Common Excavation Soil).</i>

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S-06	Addendum 3 Vol. 1 BOQ No.2			103(1)a &103(1)b		<p>Please advise the location where the selected borrow materials are required.</p> <p>Please advise the difference between "103(1)a Embankment (Selected Borrow Materials)" and "103(1)b Embankment (Using Common Excavation Soil)"</p>	<p><i>1. The location for borrow materials shall be identified by the contractor. Borrow Materials and Common Excavation Soil are the same in terms of usability as backfill material. The contractor have the decision where and where to use borrow materials.</i></p> <p><i>2. Borrow Materials -approved backfill materials which shall be obtained from sources outside the project boundary, subject to testing and approval of an accredited material engineer on site., refer to TS 102.1.2.</i></p> <p><i>3. Common Excavation Soil - approved suitable backfill material which is obtained within the project site, subject to testing and approval of an accredited material engineer on site. Refer TS 103.2.</i></p>
S-04	Vol. 2 (Addendum 4)		All	CPS04 Site Access Delivery Schedule		<p>In the table named "Site Access Dates CP S-04" , it is stated that the different parts of Batch -I shall be handed over partially on the date 2022-07-01 as per given ratios.</p> <p>However, in order to make a more accurate planning and cost calculation the Bidder needs more specific data on which parts of each section of Batch-I will be handed over on 2022-07-01. For example 40% of Batch -I (from 25960 to 26680) shall be handed over on 2022-07-01. But the Bidder needs to know that ; (a) if such 40% is a continuous length or not, (b) beginning and end points. Without such details it will not be possible to make a proper cost calculation for bidding and this may prevent the Employer to receive an economical and most competitive bid.</p>	<p><i>Bidder is advised to prepare its Construction Programme based on the Site Access Dates issued in Addendum 4. With respect to the percentages of land the Bidder is advised that the Employer shall endeavour to provide batches of land in continuous lengths. However there may, in certain situations, be constraints which prevent this.</i></p>

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Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	<i>Final Response</i>
S-04	Vol. 2 (Addendum 4)			Table named "Site Access Dates CP S-04" ii) Table named "RAP & Land Clearance Schedule including PNR Relocation and Utilities for SC Section"		<p>For Package 1 and 2, a table is given named "RAP & Land Clearance Schedule including PNR Relocation and Utilities for SC Section". However, the table includes data for all packages. So the Contractor's understanding is the table applies to all Packages despite it is given only under Package 1 and 2 GBB. Can you confirm Contractor's understanding?</p> <p>If the table named "RAP & Land Clearance Schedule including PNR Relocation and Utilities for SC Section" applies for Package 4 .</p> <p>The Bidder trusts that it has identified a contradiction between; i) Table named "Site Access Dates CP S-04" ii) Table named "RAP & Land Clearance Schedule including PNR Relocation and Utilities for SC Section"</p> <p>As such, in table "Site Access Dates CP S-04" some parts of the site will be handed over with different ratios before Land Access Date. But in the table named "RAP & Land Clearance Schedule including PNR Relocation and Utilities for SC Section" before Land Access Date there is a box stating that "Negotiate with the contractor for earlier commencement without site access."</p> <p>Can you please clarify the contradiction between the red parts above?</p> <p>The Bidder has sighted the information box "Negotiate with the contractor for earlier commencement without site access." on the table named "RAP & Land Clearance Schedule including PNR Relocation and Utilities for SC Section".</p> <p>The Bidder needs to fully concieve the intended purpose of the statements given in these boxes. The Bidder kindly requires the Employer's plans and programs so that the Bidder prepares its Bid for submission in full compliance to the bidding process and procedures.</p>	<p><i>1. RAP & Land Clearance Schedule including PNR Relocation and Utilities for SC Section is applicable to all SC Packages</i></p> <p><i>2. Bidder is advised that the Employer may wish, in certain circumstances, to further discuss and agree Terms and Conditions with the Contractor to carry out some elements of advance works. These advance works are yet to be determined. Bidder is referred to Addendum 6 Volume 3 Section 8 PCC 8.1c</i></p> <p><i>"Effective access to and possession of the Site shall be the date on which the first batch of land is made available to the Contractor as detailed in the Tabulated Site Access Dates".</i></p>
S-04	Vol. 3 Sec 8			PCC 14.7 (a)		<p>Reference to the boxes on the table "RAP & Land Clearance Schedule including PNR Relocation and Utilities for SC Section" where it is stated that "Negotiate with the contractor for earlier commencement without site access.", the Bidder understands that the Employer may have plans in reserve after the Contract Award subject to negotiation with the Contractor.</p> <p>The Bidder kindly requests the Employer's plans and arrangements as to what activities have been suitably contemplated after the Contract award but prior to access to the Site, so that the same will be negotiated between the Employer and the Contractor.</p> <p>The Bidder also requests under what scheme the Employer wishes to pursue these "early works" under the Contract?</p> <p>Or alternatively, the Bidder wishes to understand if the Employer has intentions to have the Contractor undertake these "early works" under different terms and conditions?</p>	<p><i>Bidder is advised that the Employer may wish, in certain circumstances, to discuss and agree Terms and Conditions with the Contractor to carry out some elements of advance works. These advance works are yet to be determined.</i></p>

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S-04	Vol. 2 (Addendum 4)			Clause 14.7 (b) of PCC		<p>In case the Contractor and the Employer agrees on an early commencement date, the Contractor needs funds for execution of the works until Land Access Date specified in "RAP & Land Clearance Schedule including PNR Relocation and Utilities for SC Section".</p> <p>Therefore, can you please revise Clause 14.7 (b) of PCC as follows;</p> <p>“(a) the first instalment of the advance payment within 42 days after the Commencement Date/early commencement date/notice to proceed or within 21 days after receiving the documents in accordance with Sub-Clause 4.2 [Performance Security] and Sub-Clause 14.2 [Advance Payment], whichever is later.</p>	<p><i>Bidder is advised that the Employer may wish, in certain circumstances, to discuss and agree Terms and Conditions with the Contractor to carry out some elements of advance works. These advance works are yet to be determined.</i></p> <p><i>Bidder is referred to Addendum 6 Volume 3 Section 8 PCC 8.1c</i></p> <p><i>“Effective access to and possession of the Site shall be the date on which the first batch of land is made available to the Contractor as detailed in the Tabulated Site Access Dates”.</i></p>
S-04					Request for EOT to the due date of the tender deadline.	<p>With reference to the newly published Addenda we are giving out utmost effort to prepare our best and competitive price proposal with the best technical competence, and considering the magnitude of the tender dossier and the sophisticated cost calculation methods based on work methodology and work schedule, price proposals & etc., even a minor change to any one of the tender conditions may result a re-start of all the contractors' studies at this moment. And unfortunately, referencing the several addenda which were published last week, it has been seen that the commencement dates of the project sites updated and changed drastically. Understandably this change will result to the contractors to update their work schedule, to re-visit the sub-contractors', vendors' offers and request updated proposals from every single one of the rfq's in order to fulfill the new tender requirements and update their studies.</p> <p>Additionally, referencing the Advisory for the Attendees for the Opening of Bids, we would like to draw your attention to the visa endorsement letters as well. Since we have got the first endorsement letter on February and had our visas immediately, the first endorsement letter's validity was finished and as we had made several correspondences with yourselves a new endorsement letter was to be /is being prepared by DFA after DoTR's request. Nevertheless due to this circumstances we are not be able to enter Philippines at the moment.</p> <p>Hence, we kindly wish you to understand the practical issue as stated above for working out the most compatible and competitive submission and hoping you will be kind enough to consider our request for this extension of time for another 8 weeks from the current due date.</p>	<p><i>Bidder is advised that there will be no further extensions to the Bid Submission Date. The Bidder is referred to GBB 27 for the Bid Submission Date.</i></p>

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Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-04	Volume 1			15.6	Bidders may be required by the Employer to clarify their foreign currency requirements, and to substantiate that the amounts included in the unit rates and prices and shown in the Schedule of Payment Currencies are reasonable and responsive to ITB 15.3 above, in which case a detailed breakdown of its foreign currency requirements shall be provided by the Bidder.	If the Bidder is not able to clarify foreign currency requirements as per ITB 15.3 and fails to substantiate unit rates and prices shown in the Schedule of Payment Currencies during the Execution of the Projects. Please clarify which currency of payment will be made by the Employer?	<i>If the Bidder is wishing to be paid in the foreign currency, as stated in ITB 15.3, the Bidder shall provide any necessary clarification as required under ITB 15.6</i>
S-07	Volume 2			Book 3 (Land Availability)	Site Access Date	What is the expected turn over date of site access to the Contractor?	<i>Bidder is referred to the detailed information contained within Addendum 4 - Site Access Dates</i>
S-07	Volume 1			Preamble, Bill 8, Provisional Sums	PS-12 – Ground Improvement Works	The PS for ground improvement works amounting to Php 3,490,400,000 will affect the program of works. Please provide basis (type of ground improvement/quantities etc) for us to be able to reflect in our program.	<i>The Provisional Sum covers all necessary Ground Improvement works including Ground Investigation/Additional Geological Survey, Design and Construction.</i>
S-07	BOQ			Bill no. 2 – Item 143(9)		Item 143 (9) Outside Fire Hydrant quantity 23 set are not explained: a. Whether the item in question is Outdoor Hydrant box (OHB), Pillar Hydrant b. Whether including seamese connection and how many quantity	<i>a) The bidder is advised to refer to NRSP-DWG-DEP-FS-7501 to DWG-DEP-FS-7622 Rev21. b) The bidder is advised to refer to TS-Annex A 143.1.</i>
S-07	BOQ			Bill no. 2 – Item 143(10,11,12)		Item 143 (10,11,12) Outside Fire Hydrant Piping System. In the site plan, landscape plan and mechanical drawing, do not exist for hydrant pipelines and placement point for the OHB, pillar and seamese connection are not provided, please provide.	<i>The bidder is advised to refer to NRSP-DWG-DEP-FS-7501 to DWG-DEP-FS-7622 Rev21.</i>
S-07	Drawing			NSRP-DWG-DEP-RD-1925-1927		What is the Joint Details for the interface/connection between Type 2 RC Retaining Wall to Type 1&3 GRS Retaining Walls?	<i>Refer to section 02 Joint Detail, NSRP-DWG-DEP-RD-1926 rev 21.2</i>
S-07	Drawing			NSRP-DWG-DEP-RD-1926		What is the Minimum and Maximum Distance between Vertical Construction Joints for Type 2 RC Retaining Walls?	<i>The recommended vertical construction joint is 10m(Absolute maximum distance) refer to RD-1927 Pile Set-out plan and NSRP-DWG-DEP-RD-1904 to NSRP-DWG-DEP-RD-1911 Retaining Wall Profile. rev.21</i>
S-07	Drawing			NSRP-DWG-DEP-RD-1926	Section 2 “Wall Joint Detail”	Does the Construction Joints runs from the top of the wall to the bottom of the Pile Caps?	<i>Confirmed, that the Construction Joints runs from the top of the wall to the bottom of the Pile Caps.</i>
S-07	Drawing			NSRP-DWG-DEP-RD-1926		Horizontal Construction Joints needs to be installed with Water Stops on Type 2 RC Retaining Walls? If yes, does the connection between the wall and pile caps also needs Water Stops?	<i>There is no provision o horizontal construction joint between the wall and pile caps in order to avoid water stops.</i>
S-07	Drawing			NSRP-DWG-DEP-RD-1929 NSRP-DWG-DEP-RD-1930	Note 5: Expansion Joint are typically set every 20m.	In reference to drwg no. NSRP-DWG-DEP-RD-1929 note 5 the expansion joint are typically set every 20m, while as per drwg no. NSRP-DWG-DEP-RD-1930 is 10m only. Please clarify.	<i>Expansion joint set in NSRP-DWG-DEP-RD-1929 REV 21.3 @ every 20m shall govern.</i>
S-07	BOQ			Bill no. 2 – Item 206(10)c Bill no. 2 – Item 206(10)i1 Bill no. 2 – Item 206(10)m Bill no.4 – Item 405(16)	Blinding Concrete/Lean Concrete, including crushed stone layer/sand layer	Please confirm if the quantity specified in the BOQ refers to the summation of Lean Mix and Gravel Bedding/Sand layer?	<i>Yes, Confirmed</i>
S-07	Drawing			NSRP-DWG-DEP-DR-2721	Bar Grate	Please clarify if the bar grate is a deformed bar or round bar and if HDG?	<i>The bar grate shall be coated with hot dipped galvanized for corrosion protection finish.</i>

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Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-07	BOQ			Bill no. 4.2.3 Item 405(6)b	Concrete Volume	Please verify the quantity of Pile Cap/Footing. It seems too low.	<i>Elevator Speed rate and Load rate in the upated BOQ is matching with the latest issued drawings (NSRP-DWG-OCC-AR-3441 Rev 21.3).</i>
S-07	BOQ Drawing			Bill no. 4.1.1 Item D536(2) Bill no. 4.1.1 Item D561(1) NSRP-DWG-DEP-AR-3522	Flagpole granite tiles	Please confirm if the granite tiles shown in the Drwg no. NSRP-DWG-DEP-AR-3522 is included in BOQ item Bill No.4 4.1.1 item D536(2) – Granite Tile or in BOQ Bill 4.1.1 Item D561(1) – Flagpole.	<i>The granite tiles shown in the Drwg no. NSRP-DWG-DEP-AR-3522 is included in BOQ item Bill No.4 4.1.1 item D536(2)</i>
S-07	Vol. 2 (Addendum 4)			CPS04 Site Access Delivery Schedule		In the table named "Site Access Dates CP S-04" , it is stated that the different parts of Batch -I shall be handed over partially on the date 2022-07-01 as per given ratios. However, in order to make a more accurate planning and cost calculation the Bidder needs more specific data on which parts of each section of Batch-I will be handed over on 2022-07-01. For example 40% of Batch -I (from 25960 to 26680) shall be handed over on 2022-07-01. But the Bidder needs to know that ; (a) if such 40% is a continous length or not, (b) beginning and end points. Without such details it will not be possible to make a proper cost calculation for bidding and this may prevent the Employer to receive an economical and most competitive bid.	<i>Bidder is advised to prepare its Construction Programme based on the Site Access Dates issued in Addendum 4. With respect to the percentages of land the Bidder is advised that the Employer shall endeavour to provide batches of land in continuous lengths. However there may, in certain situations, be constraints which prevent this.</i>

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S-07	Vol. 2 (Addendum 4)			Table named "Site Access Dates CP S-04" ii) Table named "RAP & Land Clearance Schedule including PNR Relocation and Utilities for SC Section"		<p>For Package 1 and 2, a table is given named "RAP & Land Clearance Schedule including PNR Relocation and Utilities for SC Section". However, the table includes data for all packages. So the Contractor's understanding is the table applies to all Packages despite it is given only under Package 1 and 2 GBB.</p> <p>Can you confirm Contractor's understanding?</p> <p>If the table named "RAP & Land Clearance Schedule including PNR Relocation and Utilities for SC Section" applies for Package 4 .</p> <p>The Bidder trusts that it has identified a contradiction between;</p> <p>i) Table named "Site Access Dates CP S-04"</p> <p>ii) Table named "RAP & Land Clearance Schedule including PNR Relocation and Utilities for SC Section"</p> <p>As such, in table "Site Access Dates CP S-04" some parts of the site will be handed over with different ratios before Land Access Date. But in In the table named "RAP & Land Clearance Schedule including PNR Relocation and Utilities for SC Section" before Land Access Date there is a box stating that "Negotiate with the contractor for earlier commencement without site access."</p> <p>Can you please clarify the contradiction between the red parts above?</p> <p>The Bidder has sighted the information box "Negotiate with the contractor for earlier commencement without site access." on the table named "RAP & Land Clearance Schedule including PNR Relocation and Utilities for SC Section".</p> <p>The Bidder needs to fully concieve the intended purpose of the statements given in these boxes. The Bidder kindly requires the Employer's plans and programs so that the Bidder prepares its Bid for submission in full compliance to the bidding process and procedures</p>	<p>1. RAP & Land Clearance Schedule including PNR Relocation and Utilities for SC Section is applicable to all SC Packages</p> <p>2. Bidder is advised that the Employer may wish, in certain circumstances, to further discuss and agree the Terms and Conditions with the Contractor to carry out some elements of advance works. These advance works are yet to be determined.</p>
S-07	Vol. 3 Sec 8			PCC 14.7 (a)		<p>Reference to the boxes on the table "RAP & Land Clearance Schedule including PNR Relocation and Utilities for SC Section" where it is stated that "Negotiate with the contractor for earlier commencement without site access.", the Bidder understands that the Employer may have plans in reserve after the Contract Award subject to negotiation with the Contractor.</p> <p>The Bidder kindly requests the Employer's plans and arrangements as to what activities have been suitably contemplated after the Contract award but prior to access to the Site, so that the same will be negotiated between the Employer and the Contractor.</p> <p>The Bidder also requests under what scheme the Employer wishes to pursue these "early works" under the Contract?</p> <p>Or alternatively, the Bidder wishes to understand if the Employer has intentions to have the Contractor undertake these "early works" under different terms and conditions?</p>	<p>Bidder is advised that the Employer may wish, in certain circumstances, to discuss and agree Terms and Conditions with the Contractor to carry out some elements of advance works. These advance works are yet to be determined.</p>

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S-07	Vol. 2 (Addendum 4)			Clause 14.7 (b) of PCC		<p>In case the Contractor and the Employer agrees on an early commencement date, the Contractor needs funds for execution of the works until Land Access Date specified in "RAP & Land Clearance Schedule including PNR Relocation and Utilities for SC Section".</p> <p>Therefore, can you please revise Clause 14.7 (b) of PCC as follows;</p> <p>“(a) the first instalment of the advance payment within 42 days after the Commencement Date/early commencement date/notice to proceed or within 21 days after receiving the documents in accordance with Sub-Clause 4.2 [Performance Security] and Sub-Clause 14.2 [Advance Payment], whichever is later.</p>	<p><i>Bidder is advised that the Employer may wish, in certain circumstances, to discuss and agree Terms and Conditions with the Contractor to carry out some elements of advance works. These advance works are yet to be determined.</i></p> <p><i>Bidder is referred to Addendum 6 Volume 3 Section 8 PCC 8.1c</i></p> <p><i>“Effective access to and possession of the Site shall be the date on which the first batch of land is made available to the Contractor as detailed in the Tabulated Site Access Dates”.</i></p>
S-07						<p>With reference to the newly published Addenda we are giving our utmost effort to prepare our best and competitive price proposal with the best technical competence, and considering the magnitude of the tender dossier and the sophisticated cost calculation methods based on work methodology and work schedule, price proposals & etc., even a minor change to any one of the tender conditions may result a re-start of all the contractors' studies at this moment. And unfortunately, referencing the several addenda which were published last week, it has been seen that the commencement dates of the project sites updated and changed drastically. Understandably this change will result to the contractors to update their work schedule, to re-visit the sub-contractors', vendors' offers and request updated proposals from every single one of the rfq's in order to fulfill the new tender requirements and update their studies.</p> <p>Additionally, referencing the Advisory for the Attendees for the Opening of Bids, we would like to draw your attention to the visa endorsement letters as well. Since we have got the first endorsement letter on February and had our visas immediately, the first endorsement letter's validity was finished and as we had made several correspondences with yourselves a new endorsement letter was to be /is being prepared by DFA after DoTR's request. Nevertheless due to this circumstances we are not be able to enter Philippines at the moment.</p> <p>Hence, we kindly wish you to understand the practical issue as stated above for working out the most compatible and competitive submission and hoping you will be kind enough to consider our request for this extension of time for another 8 weeks from the current due date.</p>	<p><i>Bidder is advised that there will be no further extensions to the Bid Submission Date.</i></p>

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S-07	Volume 2 Section 6	Vol.1 BOQ F.3 SANITARY WORKS			Equipment Requirement for S-07	Please clarify the equipment in the list "Construction access bridges".	<i>It shall be Bidder's responsibility to provide list of relevant equipment/plant which the bidder shall consider to require for precast production for Employer's evaluation. The list provided in Section 6 shall serve as indicative only.</i>
S-07	BOQ	Vol.1 BOQ Bill 4-1.1 D. MECHANICAL WORKS		Bill no. 4.1.1 Item D506(11)	800x800 Stainless Steel Hatch with Hydraulic Stay	Please provide detail drawing.	<i>Refer to NSRP-DWG-OCC-AR-3101 rev21.3</i>
S-07	BOQ	Vol.1 BOQ Bill 4-2.20 G. OTHER MISCELLANEOUS WORKS		Bill no. 4.1.1 Item D540(1)	Stainless Steel Post Cladding	Please provide detail drawing.	<i>Refer to NSRP-DWG-OCC-AR-3504 rev21</i>
S-07	Vol.1	Vol.1 BOQ F.5 ELECTRICAL WORKS		D710(11) Extra Materials and Spare Parts for FDAS		The "Extra materials and spare parts for FDAS" has been added in the BOQ as new items of extra and spare parts. Please confirm if the cost for extra material / spare parts of other pricing items should be included in the unit price and not as a separate item like FDAS.	<i>Cost of spare parts and/or extra stock of other pricing items shall be included in the cost of the pay items requiring spare parts and/or extra stocks as specified in the TS and TS Annex A.</i>
S-07	Vol.2	01_Specification		SCRP_TS 400		Steel Decking was specified under Section 410 of Technical Specification but no pay item on BOQ, please confirm if it is included and confirm the location of Metal Decking.	<i>Steel/Metal Deck is neither required nor shown in the drawings, so there's no pay item for Steel/Metal Deck in Addendum 6 BOQ.</i>
S-07	Vol.1	4a		BOQ Bill No. 4		Please verify if there are backfilling works for the following buildings: Bill No. 4-1.1, Bill No. 4-1.2, Bill No. 4-2.1, Bill No. 4-2.20 and Bill No. 4-3.2 . If so, please provide Pay items on Bill of Quantities.	<i>Backfilling works for the following buildings: Bill No. 4-1.1, Bill No. 4-1.2, Bill No. 4-2.1 and Bill No. 4-2.20 are added in the BOQ. Tthe bidder is advised to refer to GBB No.31, Addendum No.6, BOQ.</i>
S-07	Vol.2	02_Book 2		NSRP-DWG-OCC-ST- 4306		Please verify if the term "Hard Core" is the same with "Gravel Base". If not, please provide pay items for Hard Core and/or Gravel Base on Bill of Quantities for all the buildings under Bill 4 (Bill No. 4-1.1 to Bill No. 4-3.2) and Bill 6-1	<i>Hard Core is already included in PIN 405(16)a --- T=100mm Blinding Concrete (Lean Concrete), 15 MPa including T= 200mm Hard Core in BoQ Addendum 6.</i>
S-07	Vol.1	4a		BOQ Bill No. 2		Please confirm if only the Sub-ballast are the surface layer of the Railway; if no ballast needed.	<i>Aside from sub-ballast, the other surface layer is part of Track Design "BY OTHERS"</i>
S-07	Vol.1	4a		BOQ Bill No. 3		Please provide plans and specification of Proprietary Water Stop System on Bill No. 3	<i>Proprietary Water Stop is not shown in the drawings. Pay item 233(1) to be deleted in the latest published BOQ.</i>
S-07	Vol.1	4a		BOQ Bill No. 4		What is the specification of Draft Curtains specified on BOQ?	<i>Please refer to drawing NSRP-DWG-OCC-AR-3505, rev. 21</i>
S-07	Vol.2	02_Book 2		NSRP-DWG-OCC- AR3441		Please specify where to include on BOQ for the item of Granite Elevator Wall Cladding at OCC	<i>Granite Elevator Wall Cladding is included in the latest BOQ. The bidder is advised to refer to GBB No. 31, Addendum No.6, BOQ, Bill No.4-1.1, Pay Item No.D536(15).</i>

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S-07	Vol.2	02_Book 2		NSRP-DWG-OCC-AR3436		Please specify where to include on BOQ for the item of Non-slip Granite Tile Exterior Landing at OCC	<i>The item of Non-slip Granite Tile Exterior Landing at OCC is included in the latest BOQ. The bidder is advised to refer to GBB No. 31, Addendum No.6, BOQ, Bill No.4-1.1, Pay Item No.D536(16).</i>
S-07	Vol.2	02_Book 2		NSRP-DWG-OCC-AR3012		Please specify where to include on BOQ for the item of 90x90x90mm Cube Granite Pavers at OCC	<i>90x90x90mm Cube Granite Pavers is included in the latest BOQ. The bidder is advised to refer to GBB No. 31, Addendum No.6, BOQ, Bill No.4-1.1, Pay Item No.D536(6).</i>
S-07	Vol.1	4a		BOQ Bill No. 4		Kindly provide us the thickness of Insulated Roof Panel	<i>Insulated roof panel thickness is .60mm, refer to NSRP-DWG-LRS-AR-3006 issued as rev 21.3</i>
S-07	Vol.1	4a		BOQ Bill No. 4		Kindly provide us the thickness of Insulated Wall Panel	<i>Insulated roof panel thickness is .60mm, refer to NSRP-DWG-LRS-AR-3006 issued as rev 21.3</i>
S-07	Vol.2	02_Book 2		NSRP-DWG-OCC-AR3525 / NSRP-DWG-OCC-AR3603		Please confirm the thickness of Expanded Polysterene (XPS); conflict with detailed drawings (50mm thk) and schedule of finishes & specifications (100mm thk)	<i>(100mm thk) will govern, see NSRP-DWG-OCC-AR-3603 rev 21.3</i>
S-07	Vol.1	4a		BOQ Bill No. 4		(a) Please specify on the schedule of finishes the location of "Tampered Concrete Including Wire Mesh with Hardener" with different thickness (b) Please give us specification for Tampered concrete.	<i>Refer to NSRP-DWG-LRS-AR-3006 issued as rev 21.3 a. Tampered Concrete Including Wire Mesh with Hardener used in utility ramps b. Pebble wash-out</i>
S-07	Vol.1	4a		BOQ Bill No. 4		Please provide blow-up details for the High Impact Laminated Sheet Modular Kitchenette and Overhead Cabinet located at Kitchen.	<i>Refer to NSRP-DWG-OCC-AR-3581 issued as Rev21</i>
S-07	Vol.1	4a		Bill No.8 Schedule of Provisional Sum		Please provide detail information for Ground Improvement Works considered by the Bidder.	<i>The Contractor is responsible for ground investigation / additional geological survey, alsofor design and construction of ground improvement under this Provisional Sum</i>
S-07	Vol.2	6	TS600-106 & Annex TS600-18	611.1.4 Warranty		The Warranty period for Air Cooled Split Type Air-Conditioning Unit is different from the definition in TS611.1.4 of TS600 and the definition in 611.1.1 k) of Annex_TS600 as follows. Please confirm which will govern. TS600 vs. Annex_TS600 1 year vs. 5 years.	<i>The warranty period of each piece of equipment was already identified in the submitted Technical Specifications (TS). The contractor shall submit materials, spare parts list, and preventive maintenance list but subject to approval by Professional Mechanical/Electrical Engineer/s (PME/PEEs) on site. Revised TS600 has been issued under Addendum 3. Revised GS128 will be issued in Addendum 4 The warranty period in TS 600 were specified per equipment type (not generalized). It has been stipulated in GS128 that warranty period shall be referred to the TS (eg. TS 600) if it was stated or specified thereto.</i>

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S-07	SCRP_Vol. 2 Part 2 Sec. IC TS 500 Addendum 5 20210514 NSRP-DWG- OCC-AR- 3603_[21.3]		pg. 62 of 512 pg. 1 of 1	TS 500: 6) Stone flooring OCC-SCHEDULE OF FINISHES	Ramp (PWD) - 900 x 1200 x 30mm Honed Granite (Juprana Colombo) Ramp - Pebble washout with wire mesh	Please verify which will govern for the floor finish of PWD Ramp at OCC building.	For Ramp - Pebble washout with wire mesh will govern, refer to NSRP-DWG-OCC-AR-3438 issued as Rev21
S-07	GeneralBB17		27		Door Louvers are Fusible Louvers	Please confirm if all Louvered Doors in all structures/buildings are to use fusible louvers or it is in the OCC Building Louvered Doors only.	Not all, only Doors within electrical room or substation room refer to NSRP-DWG-OCC-AR-34611 issued as Rev21.3
S-07	GeneralBB28-Bid Addendum 3 to 5- S-07		-			Kindly provide the Door Keyplan for Roofdeck for OCC Building	refer to NSRP-DWG-OCC-AR-3611 rev21.3 for D5 schedule
S-07	GeneralBB28-Bid Addendum 5-S- 07		-	NSRP-DWG-LRS-AR- 3611		Kindly confirm the window tag for the attachment below.	That is W5, refer to NSRP-DWG-LRS-AR-3641 for window size issued as Rev21.3
S-07	GeneralBB28-Bid Addendum 3-S- 07		-	NSRP-DWG-TMO-AR- 3101 NSRP-DWG-TMO-AR- 3501		Kindly confirm which will govern for the Door Tag of the Toilet.	That is D1, refer to NSRP-DWG-TMO-AR-3101 issued as Rev21.3
S-07	GeneralBB28-Bid Addendum 3-S- 07		-			Kindly provide updated architectural elevation for Track Maintenance Office.	Refer to NSRP-DWG-TMO-AR-3201 issued as Rev21
S-07	GeneralBB28-Bid Addendum 4-S- 07-1.3b CP S-07 Vol.1A Sec.4A BOQ_Add.4_202 10420		-	1.3b CP S-07 Vol.1A Sec.4A BOQ_Add.4_20210420- BOQ No. 4-2.13 and No. 4- 2.15 NSRP-DWG-WPH1-AR- 3601 rev.21.3 NSRP-DWG-WPH2-AR- 3601 rev.21		Kindly confirm the description of W6 for Pump House for Fire Water Tank 1 & 2: a. As per Addendum 4 BOQ: Double Paned Awning Window Aluminum Powder Coated b. As per Schedule of Doors: Awning Type Steel Window , Fluoroure Baked Finish	The W6 description is corrected in BoQ issued Addendum 6. W6 for Pump House For Fire Water Tank 1: W1400mm x H1250mm, Awning Type Steel Window , Fluoroure Baked Finish refer to NSRP-DWG-WPH2-AR-3601 rev.21.3
S-07	GeneralBB28-Bid Addendum 4-S- 07-1.3b CP S-07 Vol.1A Sec.4A BOQ_Add.4_202 10420		-	1.3b CP S-07 Vol.1A Sec.4A BOQ_Add.4_20210420- BOQ No. 4-2.15 NSRP-DWG-WPH2-AR- 3601 rev.21		Kindly confirm the description of D9 for Pump House for Fire Water Tank 2: a. As per Addendum 4 BOQ: Double Leaf Fire-Rated Steel Flush Door b. As per Schedule of Doors: Double Leaf Fire-Rated Steel Louver Door	The correct description for Door D9 for Pump House for FWT2 Building in Bill 4-2.15 of Addendum 6 BOQ is: PIN D526(17)a --- D9 for Pump House For Fire Water Tank 2: W2100mm x H2150mm, Double Leaf Fire-Rated Steel Flush Door , Fluoroure Baked Finish based on drawing NSRP-DWG-WPH2-AR-3601, rev. 21
S-07	GeneralBB28-Bid Addendum 5-S- 07		-	NSRP-DWG-OCC-AR- 3621 rev.21.3 1.3b CP S-07 Vol.1A Sec.4A BOQ_Add.4_20210420- BOQ No. 4-1.1		Kindly confirm the frame and material for L1, L2, L3, L4 and FL. Is it Tubular Steel Frame or Aluminum Powder Coated (PVDF) As per Addendum 4 BOQ: Powder Coated Aluminium Louver (for L1 - L4); Aluminum Mechanical Louver/False Louver (for FL)	Confirmed,it is Aluminum Powder Coated Aluminium Louver (for L1 - L4); Aluminum Mechanical Louver/False Louver (for FL) refer to NSRP-DWG-OCC- AR-3621 rev.21.3

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S-07	GeneralBB28-Bid Addendum 5-S-07		-	NSRP-DWG-LRS-AR-3641 rev.21.3 1.3b CP S-07 Vol.1A Sec.4A BOQ_Add.4_20210420- BOQ No. 4-1.2		Kindly confirm the frame and material for L3, and L4. Is it Tubular Steel Frame or Aluminum Powder Coated (PVDF) As per Addendum 4 BOQ: Powder Coated Aluminium Louver	Confirmed, it is Aluminum Powder Coated (PVDF) refer to NSRP-DWG-LRS-AR-3641 rev.21.3
S-07	GeneralBB28-Bid Addendum 5-S-07		-	NSRP-DWG-WRS-AR-3601 rev.21.3		Kindly confirm if there is a Glass for D2 as per drawing, if yes please provide size and thickness.	Yes for viewing glass, used 8mm thk fire glass 200x750mm NSRP-DWG-WRS-AR-3601 rev 21.3
S-07	GeneralBB28-Bid Addendum 4-S-07-1.3b CP S-07 Vol.1A Sec.4A BOQ_Add.4_20210420		-	1.3b CP S-07 Vol.1A Sec.4A BOQ_Add.4_20210420- BOQ No. 4-2.20		Kindly provide Schedule for Stainless Steel Fire Shutter W=8000mm, H=1300mm.	The bidders shall submit for approval 2-hr fire rating stainless steel shutter.
S-07	GeneralBB28-Bid Addendum 3-S-07		-	NSRP-DWG-WPH1-AR-3601 rev.21.3		Kindly confirm if there is a louver for W6 for Pump House for Fire Water Tank 1. Not reflected on the drawing of W6.	Confirmed, that there is no louver for W6 refer to NSRP-DWG-WPH1-AR-3601 rev.21.3
S-07	GeneralBB28-Bid Addendum 4-S-07		-	NSRP-DWG-CNT-AR-3611 rev.21.3 1.3b CP S-07 Vol.1A Sec.4A BOQ_Add.4_20210420- BOQ No. 4-2.20		Kindly confirm the frame and material W1, W2 and W3. Is it Tubular Steel Frame or Aluminum Powder Coated (PVDF). As per Addendum 4 BOQ: Fixed Window with Louver, Powder Coated Aluminum	Confirmed, it is Fixed Window with Louver, Powder Coated Aluminum refer to NSRP-DWG-CNT-AR-3611 rev.21.3
S-07	SCR_P Vol. 2 Part 2 Sec. 1C TS 500 Architectural 20201216	The sizes and configuration of louvers shall be show on the drawings	275	TS 500 - 527.2.3.1 All Louvers		There is no sizes for the louvers of Louvered Doors on drawings. Please provide.	Louver Sizes are: (D1 4-Louvers 1191x1326mm, D7 louver 784x325mm, D7a 440x440mm, D7b 2-louvers 250x1012 and Louver 250x862mm, D8 649x325mm,D9 2-Louvers 379x947mm); These Schedules would be added to NSRP-DWG-OCC-AR-3611 and revised Drawing will be issued with IFC Drawings.
S-07	GeneralBB30-Bid Addendum 5-S-07		-	NSRP-DWG-OCC-AR-3621 rev.21.3 1.3b CP S-07 Vol.1A Sec.4A BOQ_Add.6_20210601		There is a conflict in the Description of Curtain walls. Please confirm which will govern: a. As per BOQ Addendum 6: Double Paned Awning Type Window b. As per Updated Plans Rev.21.3: Exterior Fixed Viewing Window-Curtain Wall	The description of Curtain Walls based on drawing NSRP-DWG-OCC-AR-3621, rev.21.3 will prevail.

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S-07	Bill No. 4-1.1, Bill No. 4-1.2, Bill No. 4-2.1, Bill No. 4-2.2, Bill No. 4-2.3, Bill No. 4-2.6, Bill No. 4-2.7, Bill No. 4-2.8, Bill No. 4-2.9, Bill No. 4-2.10, Bill No. 4-2.20 OCC Building, Light Repair Shop, URS, WRS, CMV, DHS, LGS, TGB, TMO, MCS, Canteen Item No. D514(1) GBB 28 and GBB31 Volume 2 02_Book 2 (Archi Drawings) 1_Architecture		-	NSRP-DWG-OCC-AR-3866, 3867, 3868 NSRP-DWG-LRS-AR-3866 NSRP-DWG-URS-AR-3866 NSRP-DWG-WRS-AR-3866 NSRP-DWG-CMV-AR-3866 NSRP-DWG-DHS-AR-3866 NSRP-DWG-LGS-AR-3866 NSRP-DWG-TGB-AR-3866 NSRP-DWG-TMO-AR-3866 NSRP-DWG-MCS-AR-3866 NSRP-DWG-CNT-AR-3866	Based on BOQ: Flexible Cementitious Type Waterproofing (Floor & Wall) Based on Plans: Flexible Crystalline Cementitious Type (Floor) Crystalline Cementitious Type (Wall) (1.8m height)	Kindly provide pay item on BOQ for Crystalline Cementitious Type (Wall) (1.8m height).	<i>Pay item for Crystalline Cementitious Type is as follows: PIN D514(1) --- Flexible Cementitious Type Waterproofing (Floor & Wall) Please refer to Addendum 6 BOQ</i>
S-07	GENERAL BB17 Bill No. 4-1.1 (OCC Building) Item No. D522(2)		37		As per General Bid bulletin No.17 Response to Query: for "4mm thk. Nano Finish Aluminum Composite Material on Metal Frames with Ceiling Trim at OCC Building", there is no such ceiling finish at OCC.	Kindly provide location and detailed plan for Ceiling finish 4mm thick Nano Finish Aluminum Composite Material on Metal Frames with Ceiling Trim at OCC Building.	<i>Refer to NSRP-DWG-OCC-AR-3811 for the location of linear plank issued as rev21.3</i>
S-07	Bill No. 4-1.1 (OCC Building) Item No. D544(4)		-			Kindly provide detailed plan and sections for Linear Plank Metal Ceiling at OCC Building.	<i>Refer to NSRP-DWG-OCC-AR-3811 for the location of linear plank issued as rev21.3</i>
S-07	Bill No. 4-1.1 (OCC Building) Item No. D542(3)		-			Kindly provide detailed plan with dimension for Ceiling Cove Lighting at OCC Building.	<i>Refer to NSRP-DWG-OCC-AR-3509 for covelighting issued as rev21</i>

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S-07	Bill No. 4-2.9 (Track Maintenance Office) Item No. D541(1) GBB28 v05.4 (20210531 Addendum 3) S-07 Volume 2 02_Book 2 (Architectural Drawings) 1_Architecture		-	NSRP-DWG-TMO-AR-3101, 3501		Kindly confirm if 12mm Thk. Gypsum Board and Rockwool Insulation on Standard Metal Framing is the Interior Wall finish in Wall Type 3 and Wall Type 5 of Track Maintenance Office.	No, 12mm Thk. Gypsum Board and Rockwool Insulation on Standard Metal Framing is the Interior Wall finish in Wall Type 5 ONLY refer to NSRP-DWG-TMO-AR-3501
S-07	Bill No. 4-2.9 (Track Maintenance Office) Item No. D541(4)		-			Kindly provide location and detailed plan for Wall finish: 12mm Thk. Moisture Resistant Gypsum Board and Rockwool Insulation on Standard Metal Framing at Track Maintenance Office.	See Wall type 4 for details NSRP-DWG-TMO-AR-3501 issued rev21.3
S-07	Bill No. 4-2.2 (Wheel Re-profiling Shop) Item No. D522(3) GBB28 v05.4 (20210531 Addendum 3) S-07 Volume 2 02_Book 2 (Architectural Drawings) 1_Architecture		-	NSRP-DWG-WRS-AR-3101, 3501		Kindly confirm if 12mm Thk. Gypsum Board on Standard Metal Framing is the Interior Wall finish in Wall Type 3 of Wheel Re-profiling Shop.	For 12mm Thk. Gypsum Board on Standard Metal Framing is the Interior Wall finish in Wall Type 2 refer to NSRP-DWG-WRS-AR-3501 rev21.3
S-07	Bill No. 4-1.1 (OCC Building) Item No. D536(15) GBB28 v05.5 (20210531 Addendum 4) S-07 Volume 2 02_Book 2 (Architectural Drawings) 1_Architecture		-	NSRP-DWG-OCC-AR-3601		Kindly provide detailed plan and sections for 600mm x 300mm x 20mm Honed Granite Stone with Steel Support and Brackets at Elevator Hall of OCC Building. Kindly provide detailed plan for Steel Support and Brackets for 600mm x 300mm x 20mm Honed Granite Stone.	Refer to NSRP-DWG-OCC-AR-3441 issued as rev21.3

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S-07	GBB28 v05.5 (20210531 Addendum 4) S-07 Volume 2 02_Book 2 (Archi Drawings) 1_Architecture		-	NSRP-DWG-OCC-AR- 3602		Kindly provide pay item for 50mm thick Sound insulation, Glass wool/ Glass cloth on Ceiling located at Lactation Room (2nd Floor), Conference Room (3rd Floor) and Meeting Room (4th Floor) of OCC Building based on Schedule of finishes.	<i>Ceiling insulation for all the mentioned rooms/areas is included in the cost of PIN D545(1) --- 600 x 600x12mm Thk. Acoustic Ceiling Boards with Foil Backing on Metal Frames with Ceiling Trim under Bill 4-1.1 of Addendum 6 BOQ</i>
S-07	Volume 1A Section 4A Bidding Forms – Bill of Quantities (BOQ)			Bill No. 4-1.1 OCC Building		Please verify the exact location of Stainless Steel Gratings for Dry Area because it does not reflect in the plans for the Basement level where the dry area should be.	<i>Refer to NSRP-DWG-OCC-AR-3101 issued as rev21.3</i>
S-07	Volume 1A Section 4A Bidding Forms – Bill of Quantities (BOQ)			Bill No. 4-1.2 Light Repair Shop		Please verify the exact location of Stainless Steel Gratings for Exterior Trench Drain and Waste Water Gutter Trench and the difference with the Stainless Steel Gratings for Drainage Gutter.	<i>Refer to waste water gutter NSRP-DWG-LRS-AR-3581 issued as rev21, for typical gutter trench refer to NSRP- DWG-DEP-AR-3513 issued as rev21,</i>
S-07	Volume 1A Section 4A Bidding Forms – Bill of Quantities (BOQ)			Bill No. 4-1.2 Light Repair Shop		Please verify the width or dimension of Stainless Steel Gratings for Maintenance Stair.	<i>Refer to NSRP-DWG-LRS-AR-3503 issued as rev21</i>
S-07	Volume 1A Section 4A Bidding Forms – Bill of Quantities (BOQ)			Bill No. 4-2.1 Unscheduled Repair Shop Bill No. 4-2.2 Wheel Re-Profiling Shop Bill No. 4-2.9 Track Maintenance Office		Please verify the exact location of Stainless Steel Gratings for Exterior Trench Drain and Waste Water Gutter Trench and the difference with the Stainless Steel Gratings for Drainage Gutter.	<i>Refer to waste water gutter NSRP-DWG-LRS-AR-3581 as rev21, for typical gutter trench refer to NSRP-DWG-DEP- AR-3513 as rev21,</i>
S-07	Volume 1A Section 4A Bidding Forms – Bill of Quantities (BOQ) Bill No. 4-1.1 (OCC Building) Item D514(2)			NSRP-DWG-OCC-AR- 3525 NSRP-DWG-OCC-AR- 3868 [21.3]		It is subject to apply liquid applied elastomeric (polyurethane) waterproofing on the OCC roof. However, there is an item 50mm Expanded polysterene and topping concrete in the roof area(AR-3525). The liquid applied elastomeric waterproofing is now including both internal rooms and roof, Kindly provide pay item on BOQ for PU waterproofing for OCC roof.	<i>PIN D514(2) --- Liquid Applied Elastomeric/Polyurethane Membrane System Waterproofing Please refer to Addendum 6 BOQ Bill No. 4-1.1</i>

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S-07	Bid Bulletin 17 Volume 2 Book 2 (Architectural Plans)		12	C.2 ARCHITECTURAL WORKS Doors and Windows All Schedule of Doors	Electric Card Key System to use Level Handle	Kindly clarify the following: a. That if there is an Electric Card Key System, it is to use Lever Handle as a lockset? How about for the following: b. Lever Handle that has a remark of Master Key? c. The Barrel Bolt that has a remark of Master Key? d. The Mortise Level Handle Lock that has a remark of both Master Key and Electric Card Key System? e. The Electric Lock (lockset) that has a remark of both Master Key and Electric Card Key System? f. The Cylinder Lock that has a remark of Master Key? g. The Emergency Exit Lock that has a remark of Master Key? h. The Dead Lock + Electrical Lock that has a remark of Electric Card Key System? i. The Lever Handle and Dummy Lever that has remark of Electric Card Key System? j. The Lever Handle that has a remark of both Master Key and Electric Card Key System?	<i>Since Electric Card Key System does not come in uniform features with different suppliers, the bidders shall submit for approval the Electric Card Key with material and keying system as specified in the TS as the minimum requirement.</i>
S-07	Volume 2 Book 1 (Civil) 03_CP S- 07_Structures		-			Please provide extension length of rebar for bored piles at the following locations: - Underpass - Site Development/Earthworks - Pile Slab - Pump System	<i>The extension length of rebars for bored piles for underpass, site development/earthworks, piles slabs and pump system were already reflected refer to NSRP-DWG-SDU-ST-0040 to 41 rev. 21</i>
S-07	Volume 2 Book 1 (Civil) 03_CP S- 07_Structures		110	NSRP-DWG-DB1-ST- 4141 Detention Basin 1 Concrete Works		Please provide details of U-Bars for Column at Detention Basin	<i>The extension of U-bars for wall junctions at detention basin was already reflected refer to NSRP-DWG-DB1-ST-4141 rev. 21</i>
S-07	Volume 2 Book 1 (Civil) 03_CP S- 07_Structures		110	NSRP-DWG-DB1-ST- 4141 Detention Basin Concrete Works		Please provide extension of U-Bars for Wall Junctions at Detention Basin	<i>The extension of U-bars for wall junctions at detention basin was already reflected refer to NSRP-DWG-DB1-ST-4141 rev. 21</i>
S-07	General Bid Bulletin 16 Revised Bill of Quantities			Bill No. 5 Drainage System & Irrigation Channels		Please provide location in plans of the following Manhole/Catch Basins: a. Manhole/ Catch Basin, TYPE G (for 0.5m X 0.1m~0.5m RCBC) b. Manhole/ Catch Basin, TYPE K (for 1.2m X 1.1m~1.5m RCBC)	<i>Manhole Type G is located in NSRP-DWG-DEP-DR-2015 REV 21.3 and NSRP-DWG-DEP-DR-2409 REV21 Manhole Type K is located in NSRP-DWG-DEP-DR-2018 REV 21.3, NSRP-DWG-DEP-DR-2423 REV21 and NSRP-DWG-DEP-DR-2424 REV21.3</i>
S-07	General Bid Bulletin 16		31	Clarification Requests Batch 8		As per Response to Clarification Requests Batch 8, please confirm if Reinforced Concrete Slab or Pile Slab quantity is included in pay item 206(6)i which is Structural Cast in Situ Concrete, 40 MPa for Retaining Wall.	<i>Yes, in BOQ the quantity of reinforced concrete slab or pile slab is included in pay item 206(6)i. Please refer to Addendum 6.</i>
S-07	General Bid Bulletin 16		41	Clarification Requests Batch 8		As per Response to Clarification Requests Batch 8, NSRP-DWG-DEP-RD-8504 will be revised in Rev. 21.2, still no Crushed Stone Layer (200mm) reflected on plans. Please provide updated plans.	<i>The crushed gravel details has been updated refer to NSRP-DWG-DEP-RD-8504 Rev. 21.2 with the 200mm thk</i>
S-07	General Bid Bulletin 16		42	Clarification Requests Batch 8		As per Response to Clarification Requests Batch 8, NSRP-DWG-DEP-DR-2710 rebar details of manholes will follow reinforcement schedule located in NSRP-DWG-DEP-DR-2701 but in NSRP-DWG-DEP-DR-2710 there is no reflected rebar in the blow up plans and section. Please provide updated blow up plans and section showing rebar details for the application of the rebar schedule.	<i>Rebar details for the manholes are shown in NSRP-DWG-DEP-DR-2701 REV 21.3 and a separate detail for TYPE J and K in NSRP-DWG-DEP-DR-2710 REV 21.3</i>
S-07	General Bid Bulletin 18		28	Clarification Requests Batch 10		As per Response to Clarification Requests Batch 10, we query for the termination of Fire Water Tank to Pump House but you provided Site Development Plan. Please provide termination.	<i>the termination of the fire water tank to pump house details section has been reflected refer to NSRP-DWG-WPH1-AR-3202 rev 21.3</i>

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S-07	Bill No. 4-1.1 (OCC Building) Item No. D542(1), D544(1), D545(1) Volume 2 Section 6 I. Specifications		TS 542, TS 544, TS 545 and TS 514	TS 500 – Architectural Works		Kindly provide preferred brand for the following materials listed on the BOQ: a. 12mm Thk. Moisture-Resistant Gypsum Board on Metal Frames with Ceiling Trim b. 600 x 600 Stainless Steel Mesh Acoustic Ceiling System c. 600 x 600 12mm Thk. Acoustic Ceiling Boards with Foil Backing on Metal Frames with Ceiling Trim d. Crystalline Cementitious Type Waterproofing e. Polyurethane Membrane System Waterproofing f. Asphalt Membrane Waterproofing	<i>The Employer has no list of preferred brand of materials. Specifications for the procurement of goods shall be based on relevant characteristics and/or performance requirements as specified in relevant TS/GS.</i>
S-07	Bill No. 4-1.1 (OCC Building); Bill No. 4-1.2 (Light Repair Shop); Bill No. 4- 2.1 (Unsheduled Repair Shop); Bill No. 4-2.2 (Wheel Re- profiling Shop); Bill No. 4-2.5 (Oil Storage for Light Repair Shop); Bill No. 4- 2.6 (Hazardous Store); Bill No. 4- 2.20 (Canteen); Bill No. 6-1 (Depot Sectioning Post) Item No. D502(3)a, D502(3)b, D502(3)c, D502(3)d, D502(3)e, D502(3)f					Kindly confirm if the Tampered Concrete including wiremesh with the following thickness are included in Structural Concrete quantity in Structural works for the following: a. T= 50mm, Tampered Concrete including Wiremesh b. T= 100mm, Tampered Concrete including Wiremesh c. T= 180mm, Tampered Concrete including Wiremesh d. T= 200mm, Tampered Concrete including Wiremesh e. T= 300mm, Tampered Concrete including Wiremesh f. T= 500mm, Tampered Concrete including Wiremesh	<i>Tampered Concrete is not included in Structural Concrete quantity.</i> <i>Please refer to BoQ issued addendum 6 where the tampered concrete including wiremesh is part of architectural BoQ FLOOR FINISHES of depot buildings; Pay item D503a, D503(b), D503(c), D503(d), D503(e), D503(f).</i>

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S-07	Bill No. 4-1.1 (OCC Building); Bill No. 4-1.2 (Light Repair Shop); Bill No. 4-2.1 (Unsheduled Repair Shop); Bill No. 4-2.2 (Wheel Re-profiling Shop); Bill No. 4-2.5 (Oil Storage for Light Repair Shop); Bill No. 4-2.6 (Hazardous Store); Bill No. 4-2.20 (Canteen); Bill No. 6-1 (Depot Sectioning Post) Item No. D502(3)a, D502(3)b, D502(3)c, D502(3)d, D502(3)e, D502(3)f		-			Kindly confirm if Floor Hardener is the only floor finish to consider for the following pay item in BOQ under Architectural works: a. T= 50mm, Tampered Concrete including Wiremesh with Hardener b. T= 100mm, Tampered Concrete including Wiremesh with Hardener c. T= 180mm, Tampered Concrete including Wiremesh with Hardener d. T= 200mm, Tampered Concrete including Wiremesh with Hardener e. T= 300mm, Tampered Concrete including Wiremesh with Hardener f. T= 500mm, Tampered Concrete including Wiremesh with Hardener	Floor hardener is the floor finish to consider in Depot building with Pay items D503a, D503(b), D503(c), D503(d), D503(e), D503(f).
S-07	Bill No. 4-1.2 (Light Repair Shop) Item No. D541(1)		-			Kindly provide wall tag of Single Wall 2 x 12mm thick Gypsum board and Rockwool Insulation on standard metal framing on Light Repair Shop. As per Partition plan with drawing no. NSRP-DWG-LRS-AR-3831, there's only Wall type 5 (150mm thick Drywall with 2x12mm thick Gypsum on both sides) reflected. As per BOQ, there's pay item for Single Wall 2x12mm thick Gypsum board and Double Wall 2x12mm thick Gypsum board.	Refer to partition plan layout NSRP-DWG-LRS-AR-3831 rev 21
S-07	Volume 2 Book 2 (Architectural) 01_S07 ARCH		-	NSRP-DWG-OCC-AR-3102, 3103 and 3104		Kindly provide wall termination for the wall finish 20mm polished granite wall cladding and 300mm x 600mm Glazed Ceramic with Accent Tile at Elevator hall/lobby from Ground floor - 5th Floor.	Wall termination for the wall finish 20mm polished granite wall cladding and 300mm x 600mm Glazed Ceramic with Accent Tile are in elevator hall A and B / lobby refer to NSRP-DWG-OCC-AR-3102 and 3104 rev21.2 and NSRP-DWG-OCC-AR-3103 rev21.3

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S-07	Bill No. 4-1.1 (OCC Building) Item No. D545(1) Volume 2 Book 2 (Architectural) 01_S07 ARCH		-	NSRP-DWG-OCC-AR-3521		<p>As per Bid Bulletin No.14 page 51: 50mm thick Rockwool Insulation is already included in DUPA of pay item No. D541(3)- 600 x 600 x 12mm thick Acoustic Ceiling boards with foil backing on metal frames with ceiling trim. Kindly confirm if all area with 600 x 600 x 12mm thick Acoustic Ceiling boards with foil backing on metal frames with ceiling trim has 50mm thick rockwool insulation.If yes, kindly confirm the following areas:</p> <p>a. Corridor, AFC Room, P-Scada, F-Scada, Clinic, Security Room, TER, SUR, SER and Locker Room at Ground Floor b. Lactation Room, Corridor, Meeting space, Pantry, Male locker Room, Female locker Room, Crew Management Div. Lounge, Clerk Room, Manager Room, Administration Office, Administration Div. Lounge, VIP Guest Room, Crew Management Room1, Crew Management Division Mgmt. Room and Stock Room at 2nd Floor c. Corridor, Female locker Room, Male locker Room, Electric Management Div. Lounge, Pantry, Electric Management Room, Electric Mgmt. Div. Mgr. Room, Clerk Room, Stock Room, Facility Management Lounge, Facility Mgmt. Div. Locker Room Male, Facility Mgmt. Div. Locker Room Female, Facility Management Division Room, Facility Mgmt. Div. Mgr. Room, Conference Room, Storage at 3rd Floor d. Corridor, OCC LockerRoom Female, OCC LockerRoom Male, OCC Lounge, Pantry, OCC Room, OCC Assistance Room, OCC Clerk Room,OCC Managers Room, Mechanical Room, Meeting Room 1,2&3 at 4th Floor e. Pantry, Laundry Room, Linen Storage, Storage, Bedrooms 1-6, VIP Guest Rooms, Locker Room (F&M), Viewing area and Corridor at 5th Floor</p>	<p><i>Confirmed, all area with 600 x 600 x 12mm thick Acoustic Ceiling boards with foil backing on metal frames with ceiling trim has 50mm thick rockwool insulation refer to NSRP-DWG-OCC-AR-3811 to 3814 rev 21.3</i></p>
S-07	Volume 2 Book 2 (Architectural) 01_S07 ARCH		-	NSRP-DWG-OCC-AR-3521		<p>As per Answer to query issued at Bid Bulletin No.14 page 51: Already provided 50mm thick rockwool insulation on ceiling, see drawing NSRP-DWG-OCC-AR-3521 as Rev21. Kindly confirm if all area with 600 x 600 Stainless Steel Mesh Acoustic Ceiling System has 50mm thick rockwool insulation.If yes, kindly confirm the following areas:</p> <p>a. Reception area and Vestibule at Ground Floor b. Elevator hall/ Vestibule, Meeting space at 2nd Floor c. Elevator hall/ Vestibule at 3rd Floor and 5th floor d. Elevator hall/Vestibule, Stock Room at 4th Floor</p>	<p><i>Confirmed, all area with 600 x 600 Stainless Steel Mesh Acoustic Ceiling System has 50mm thick rockwool insulation refer to NSRP-DWG-OCC-AR-3811 to 3814 rev 21.3</i></p>

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S-07	Bill No. 4-1.1 (OCC Building), Bill No. 4-1.2 (Light Repair Shop), Bill No. 4- 2.1 (Unscheduled Repair Shop), Bill No. 4-2.2 (Wheel Re- profiling Shop), Bill No. 4-2.3 (Catenary Maintenance Vehicle Shop), Bill No. 4-2.4 (Fuel Pump House 1), Bill No. 4-2.5 (Oil Storage for Light Repair Shop), Bill No. 4-2.6 (Hazardous Store), Bill No. 4- 2.7 (Garbage Shed for Light Repair Shop), Bill No. 4-2.8 (Truck Garage Building), Bill No. 4-2.9 (Track Maintenance Office), Bill No. 4-2.10 (Maintenance Car shop), Bill No. 4-		-			Kindly confirm if upstand wall / waterproofing at wall is included on your quantity. If yes, kindly provide height for upstand other than the Toilet area which upstand is at 1800mm high as per Schedule of finishes.	<i>Yes, waterproofing at walls is included in the quantities for waterproofing in Addendum 6 BOQ.</i> <i>For the BOQ, unless otherwise specified, height of waterproofing is equal to height of wall.</i> <i>For specific area of waterproofing refer to Appendix-1 Waterproofing Matrix.</i>
S-07	Volume 2 Book 2 (Architectural) 01_S07 ARCH Bid Bulletin 18		-	NSRP-DWG-DSP-AR-3011		Kindly provide attachment of revised plan with drawing no: NSRP-DWG-DSP-AR-3011 rev21.2 issued at Bid Bulletin 18 on page 44.	<i>The drawing NSRP-DWG-DSP-AR-3011 rev21.2 issued in Addendum 3 GBB No. 27.</i>
S-07	Volume 2 Book 2 (Architectural) 01_S07 ARCH		-	NSRP-DWG-DEP-AR-3401		Kindly provide dimensions on pedestrian shed layout key plan with scale 1:2000 on drawing no: NSRP-DWG-DEP-AR-3401 for the area of interlocking block pavers.	<i>Dimensions are provided in plans, refer to NSRP-DWG-DEP-AR-3401 rev21.3</i>
S-07	General Bid Bulletin 18		-			Sheet NSRP-DWG-OCC-ST-4342 rev 21.2 is not provided as per response to query, please provide.	<i>The drawing is issued in Addendum 3. Bidder is referred to GBB27</i>

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S-07	Volume 2 Book 1 (Roads) Roads Drawing		-	NSRP-DWG-DEP-RD-1852 to 1854		Since R4-1 (60) is the only item in BOQ, kindly provide pay item for the following: 1. R4-1 (15) 2. R4-1 (30) 3. R4-1 (40)	<i>The quantity is included in the following pay items in BoQ issued Addendum 6. For Bill No. 2, please refer to pay item 129(2)c Addendum 6. For Bill No 3, please refer to pay 129(2)c Addendum 6. Pay item description should be "Regulatory Signs R4-1 (Circular), Including Post and Base"</i>
S-07	Bill D502(3)e			NSRP-DWG-OCC-AR-3601 Floor finish FF4		Floor finish FF4 "Self-leveling epoxy paint with hardener on cinder concrete" is applied for Room 106~108. This is the only room where it is supposed to use of 300mm thickness concrete for the base. However, The Item D502(3)e is T=300mm, Tempered Concrete including wire mesh with hardener, therefore please clarify that the Tempered Concrete for this item requires Cinder concrete or not.	<i>Confirmed, requires Cinder concrete as per schedule of finishes refer to NSRP-DWG-OCC-AR-3601 rev21.3</i>
S-04	Volume 2 Specification_TS 200_Annex A		PKG 4 & PKG 5 & PKG 6	Addendum 6	201 Sturcture Excavation and Backfill 201.1.1.1 Structure Excavation and Backfill	As per the TS 200 Annex A in Addendum 6, "The measurement for payment of backfill, foundation fill shall be in "cubic meter" measured in total excavated volume less the embedded structures and lean concrete. The final position of backfill material is same as the elevation of existing ground level." The measurement for structure excavation shall be in "cubic meter" consisting of removal of all materials and furnishing of all equipment necessary in construction of piles and foundation for bridges, retaining wall and other structures for the execution of the work. Excavation quantities are measured as net with no working space." Please clarify the underlined words which are excavated volume and excavation quantities have the same meaning or not.	<i>In BOQ, excavated volume and excavation quantities have the same meaning.</i>
S-04				Bill of Quantities	710(11) Extra Materials and Spare Parts for FDAS	Please clarify that which items are included in this description.	<i>Please refer to TS 710.1.5 Extra Materials for FDAS BoQ issued Addendum 6.</i>
S-05	Query in Batch 12				Query in Batch 12 : Some items in Drainage detail, these are not in drawing for Mainline Drainage for this package(CP S-05) - Heavy duty Rectangular Flap Gate 1&2 - Steel Grating - Cast Iron Manhole Cover (in NSRP-DWG-VIA00-DR-1451, 1452, 1461, 1501) So please clarify that the above items are not applied for this package(CP S-05). Response : Confirmed. Those items are not applicable to package (CP S-04).	Please clarify that we asked for S-05, but you reply for S-04. Some items in Drainage detail, these are not in drawing for Mainline Drainage for this package(CP S-05) - Heavy duty Rectangular Flap Gate 1&2 - Cast Iron Manhole Cover (in NSRP-DWG-VIA00-DR-1451, 1452, 1461, 1501) So please clarify that the above items are not applied for this package(CP S-05).	<i>Confirmed. These are not applicable for CP S-05</i>
S-05	Vol. 1 Section 4A			Bill of Quantities	710(11) Extra Materials and Spare Parts for FDAS	Please clarify that which items are included in this description.	<i>Please refer to TS 710.1.5 Extra Materials for FDAS BoQ issued Addendum 6.</i>

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S-06	Query in Batch 12				<p>Query in Batch 12 : Some items in Drainage detail, these are not in drawing for Mainline Drainage for this package(CP S-06) - Heavy duty Rectangular Flap Gate 1&2 - Steel Grating - Cast Iron Manhole Cover (in NSRP-DWG-VIA00-DR-1451, 1452, 1461, 1501)</p> <p>So please clarify that the above items are not applied for this package(CP S-06).</p> <p>Response : Confirmed. Those items are not applicable to package (CP S-04).</p>	<p>Please clarify that we asked for S-06, but you reply for S-04.</p> <p>Some items in Drainage detail, these are not in drawing for Mainline Drainage for this package(CP S-06) - Heavy duty Rectangular Flap Gate 1&2 - Cast Iron Manhole Cover (in NSRP-DWG-VIA00-DR-1451, 1452, 1461, 1501)</p> <p>So please clarify that the above items are not applied for this package(CP S-06).</p>	Confirmed. These are not applicable for CP S-06
S-06	Vol. 1 Section 4A			Bill of Quantities	710(11) Extra Materials and Spare Parts for FDAS	Please clarify that which items are included in this description.	Please refer to TS 710.1.5 Extra Materials for FDAS.
S-04	Volume 2, Sec.6-IB GS.		GS3	Possession of Site and Contractor's Mobilization.	<p>With the condition in the reference text, the detailed existing utility relocation schedule is essential information to reflect the staging of works to align with the available possession. Without the detailed utility relocation schedule, it is not practically possible to make a reasonable construction programme which can achieve the challenging Key Dates of the Project. In this regard, please provide the exiting utility relocation schedule (with specific description of the delayed sections) to bidders for their reliable proposal.</p>	According to the Addendum 5 answers, the issue is addressed in Land Access Data Addendum 4, however the data only shows the percentage of availability of land. Please specify and detail the mobilization of housing schedule. e.g. the availability of land is from which Sta. to which Sta. so that we can see whether the work will be continuous	Bidder is advised that the Employer shall endeavour to provide batches of land in continuous lengths. However there may, in certain situations, be constraints which prevent this.
S-04	Volume 2, Sec.6-IA Scope of Works Appendix 3		SOW-22	Work in connection with Utility Diversions / Relocation		According to the Addendum 5 answers, the issue is addressed in Land Access Data Addendum 4, however the data only shows the percentage of availability of land. Please specify and detail the mobilization of utility schedule. e.g. the availability of land is from which Sta. to which Sta. so that we can see whether the work will be continuous	Bidder is advised that the Employer shall endeavour to provide batches of land in continuous lengths. However there may, in certain situations, be constraints which prevent this.
S-04	Site Data - SCRP Vol.2 Sec.6 IB Appendix 7 PNR-2 to 4			Item 4 PNR Track Relocation Program		The track relocation done by PNR has started since October 2020 last year and target to complete in April 2021 for CP S-04 to CP S-07. The site will hand over to the contractor after 2 months, start from the date after completed the relocation. However according to Addendum 4 Land Access, the detail is not specified e.g. the availability of land is from which Sta. to which Sta. so that we can see whether the work will be continuous. Therefore, please clarify	Bidder is advised that the Employer shall endeavour to provide batches of land in continuous lengths. However there may, in certain situations, be constraints which prevent this.
S-04	Site Data - SCRP Vol.2 Sec.6 IB Appendix 7 PNR-2 to 4			Item 4 PNR Track Relocation Program		We understand that the width of the ROW is approximately 30 meters but please specify the actual width that can be used by the Contractor. According to Addendum 6, Schedule of Demolition (Site Data GBB31) shows the duration of demolition however we would like to know in more detail of the schedule eg.detail of progress, which Sta. to which Sta.	Bidder is advised that the Employer shall endeavour to provide batches of land in continuous lengths. However there may, in certain situations, be constraints which prevent this.
S-04	Site Data - Land Access			Site access Dates		Please specify more detail about the access date schedule. We understand that on the commencement date. The land might be partially available. However please specify the area available eg. the availability of land is from which Sta. to which Sta. so that we can see whether the work will be continuous.	Bidder is referred to Site Access Dates issued in Addendum 4

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S-04	Site Data - Land Access			Site access Dates		As mention in Addendum 6, Schedule of Demolition (Site Data GBB31) shows the duration and percentage of demolition however on the day on commencement date, if the site is not as available as specify in GBB31, who will be responsible ?	<p><i>Bidder is advised that the Employer shall endeavour to provide clear land to the Contractor on Commencement Date.</i></p> <p><i>Bidder is referred to Site Access Dates issue in Addendum 4.</i></p> <p><i>Any delays experienced by the Contractor as a result of the Employer's failure to provide such clear land shall be dealt with in accordance with relevant GCC Clauses.</i></p>
S-05	Volume 2, Sec.6-IB GS.		GS3	Possession of Site and Contractor's Mobilization.	With the condition in the reference text, the detailed existing utility relocation schedule is essential information to reflect the staging of works to align with the available possession. Without the detailed utility relocation schedule, it is not practically possible to make a reasonable construction programme which can achieve the challenging Key Dates of the Project. In this regard, please provide the exiting utility relocation schedule (with specific description of the delayed sections) to bidders for their reliable proposal.	According to the Addendum 5 answers, the issue is addressed in Land Access Data Addendum 4, however the data only shows the percentage of availability of land. Please specify and detail the mobilization of housing schedule. e.g. the availability of land is from which Sta. to which Sta. so that we can see whether the work will be continuous	<p><i>Bidder is advised that the Employer shall endeavour to provide batches of land in continuous lengths. However there may, in certain situations, be constraints which prevent this.</i></p>
S-05	Volume 2, Sec.6-IA Scope of Works Appendix 3		SOW-22	Work in connection with Utility Diversions / Relocation		According to the Addendum 5 answers, the issue is addressed in Land Access Data Addendum 4, however the data only shows the percentage of availability of land. Please specify and detail the mobilization of utility schedule. e.g. the availability of land is from which Sta. to which Sta. so that we can see whether the work will be continuous	<p><i>Bidder is advised that the Employer shall endeavour to provide batches of land in continuous lengths. However there may, in certain situations, be constraints which prevent this.</i></p>
S-05	Site Data - SCRP Vol.2 Sec.6 IB Appendix 7 PNR-2 to 4			Item 4 PNR Track Relocation Program		The track relocation done by PNR has started since October 2020 last year and target to complete in April 2021 for CP S-04 to CP S-07. The site will hand over to the contractor after 2 months, start from the date after completed the relocation. However according to Addendum 4 Land Access, the detail is not specified e.g. the availability of land is from which Sta. to which Sta. so that we can see whether the work will be continuous. Therefore, please clarify	<p><i>Please refer to RAP & Land Clearance Schedule in addendum 4.</i></p>
S-05	Site Data - SCRP Vol.2 Sec.6 IB Appendix 7 PNR-2 to 4			Item 4 PNR Track Relocation Program		We understand that the width of the ROW is approximately 30 meters but please specify the actual width that can be used by the Contractor. According to Addendum 6, Schedule of Demolition (Site Data GBB31) shows the duration of demolition however we would like to know in more detail of the schedule eg.detail of progress, which Sta. to which Sta.	<p><i>Bidder is advised that the Employer shall endeavour to provide batches of land in continuous lengths. However there may, in certain situations, be constraints which prevent this.</i></p>
S-05	Site Data - Land Access			Site access Dates		Please specify more detail about the access date schedule. We understand that on the commencement date. The land might be partially available. However please specify the area available eg. the availability of land is from which Sta. to which Sta. so that we can see whether the work will be continuous.	<p><i>Bidder is advised that the Employer shall endeavour to provide batches of land in continuous lengths. However there may, in certain situations, be constraints which prevent this.</i></p>

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Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-05	Site Data - Land Access			Site access Dates		As mention in Addendum 6, Schedule of Demolition (Site Data GBB31) shows the duration and percentage of demolition however on the day on commencement date, if the site is not as available as specify in GBB31, who will be responsible ?	<p><i>Bidder is advised that the Employer shall endeavour to provide clear land to the Contractor on Commencement Date.</i></p> <p><i>Bidder is referred to Site Access Dates issue in Addendum 4.</i></p> <p><i>Any delays experienced by the Contractor as a result of the Employer's failure to provide such clear land shall be dealt with in accordance with relevant GCC Clauses.</i></p>
S-04	Volume 2			Specifications, 2.2 SCRP General Specification	GS 103, Full site possession will be given not later than 12 months after the initial staged possession has commenced.	<p>According to Addendum #4 in GBB No. 28 issued dated on June 01, 2021, the site access delivery schedule was given in Volume 2, Part II, Section 6. Vol 2 of the addendum #4 provides the date of the full site access to be not later than 9 months after the initial staged possession instead of 12 months.</p> <p>Please clarify.</p>	<p><i>The Site Access Dates/Site Access Delivery Schedule would govern, pursuant to reference in PCC 2.1.</i></p> <p><i>GS 103 states full site access would be given <u>not later than 12 months</u> after initial staged possession. 5 months after initial staged possession is within this period.</i></p>
S-04	Volume 1A Sec.4A BOQ			Removal of Existing Lined Canal CP S04-07 Responses to Clarification Request (GBB No. 25) dated May 28, 2021	<p>Clarification request: The Quantity is Linear meter. Drawing only mentions widths. Height isn't shown in the drawing. Please, provide the specific drawing included with the information.</p> <p>Final Response: Please refer to the topographic survey in the Site Data for any available information from the Employer about the canal. The bidder may check the existing condition of the canal for pricing exercise.</p>	<p>The topographic survey provided in the Site Data shows the plan view in the vicinity of the site without providing any cross-section of canals. Hence, the information given in the topographic survey does not provide any basis of the quantity of the concrete to be removed and the quantity of the fill material to be removed with a linear meter of the existing canal.</p> <p>Due to the reason above, the bidder kindly request the client either (1) to move this item in the PS, or (2) to split out BoQ item for "the removal of the concrete" and "the removal of the fill material."</p>	<p><i>The bidder is advised to refer to the topographic survey in the Site Data for any available information from the Employer about the canal. If the available information is not sufficient for pricing, the bidder may check the existing condition of the canal and please also refer to TS-Annex A 202.1 - Measurement and Payment.</i></p>

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S-04	Volume 1A Sec.4A BOQ			Bill No.8 Schedule of Provisional sums PS-16 NSRP-DWG-VIA04-DR-0007_21.3	Culvert Design and Construction underneath PNR Track (advance works)	1. Please clarify if the "Culvert" in PS-16 is the 'Relocated Canal' or 'the Proposed Canal.' 2. If the culvert in PS-16 refers to the Proposal Canal, please provide the bidder with the timeline when the bidder expects to perform.	1) The Bidder is advised that the correct Item No. & Description is PS-16 - Culvert Design and Construction underneath PNR Track (advance works). Please refer to the GBB 31 Addendum 6 BOQ, Bill No. 8-Schedule of Provisional Sum. The Bidder is further advised that the work for PS-16 pertains to Culvert underneath PNR Track and it does not refer to the Relocated Canal nor to the Proposed Canal. 2) As "Advance Works" - the culvert works should be implemented in advance (or ahead of the regular BOQ work items) - with systematic planning & scheduling.
S-04	Volume 1A Sec.4A BOQ			Bill No.8 Schedule of Provisional sums PS-13	Extra Over for Breaking Out Obstructions the removal of rock (except bedrock), boulders, artificial hard material and the like which is encountered during the construction period, which can only be removed by special plant or explosives	For PS-13, the bidder kindly requests the client to provide where PS-13 item would be considered as a part of the construction. By doing so, the bidder could properly build up the construction plan accordingly. Please advise.	The Bidder is advised that the PS-13 is the provision for the breaking out of obstructions that could be encountered in the Bored Pile Excavation or in the Bored Pile Shaft excavation. Please refer to the Technical Specifications, TS 200, Section 204, Clause 204.4.4-Obstructions.
S-04	Volume 1A Sec.4A BOQ			Bill No.8 Schedule of Provisional sums PS-16	BIM- Common Data Environment	The bidder kindly requests the client to provide the explanation on the work to be done under PS-16. By doing so, the bidder could be properly prepared for the execution. Please advise.	The Bidder is advised to refer to GBB 28, Addendum 6, Appendix 18 - BIM Requirements.
S-04	Volume 1A Sec.4A BOQ			Bill Nos 6-1, 6-2, & 6-3	Part G Drainage Works	The bidder was not able to locate the relevant drawing for these items. Please provide the reference drawing associated with the drainage works of substations.	Typical details will be added in the IFC set of Drawings
S-04	Volume 1, Part I, Section 2 -- BDS					The bidder was wondering when the client would provide the following document to be issued as a part of the Site Data: 10.12 Tree Cutting Relocation from PNR Private Land 10.22 Available Land	1. Bidder is referred PS - 11 for Enabling Works (Tree-Cutting / Relocation / Preservation) 2. Bidder is referred to Site Access Dates issued in Addendum 4.

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Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-04	Vol. 2 Sec 6 II drawing Mainline Drainage			NSRP-DWG-VIA04-DR-5010 CP S04-07 Responses to Clarification Request (GBB No. 25) dated May 28, 2021	Clarification request: According to the drawing referred within this clarification, the existing canal is to be decommissioned, which is expected to require the breakage of the concrete and the backfill material. However, since the drawing only illustrates the locations of existing canal based on manholes only, the contractor was not clear about if the contractor is required to remove the existing canals isolated to the vicinity of pile caps or the entire existing canal along the alignment. Final Response: The existing canal will need to be decommissioned as this will not be useable because it will be obstructed by the pile caps. The continuation of the drainageline will be in the maintenance road and will drain towards an existing waterway in NSRP-DWG-VIA04-DR-0088. Rev 21.3.	Based on the review of the circumstances with the condition given to the bidder, the bidder is of the opinion that the quantity associated with the demolition of the existing canal could be isolated for the bidder's scope of the work to be done. However, the decommissioned parallel canal work to be done appeared in the ITB is beyond the work that needs to be done for the construction. The bidder was wondering if the bidder could demolish the canal isolated for the portion of the canal interfered with the bidder's scope of the work or for all specified portion of the canal. If only the portion of the canal interfered with the bidder's scope of the work needs to be demolished, this could save the construction cost compared to the option to demolish all specified portion of the canal.	<i>The bidder is required to complete all specified portion of the canal.</i>
S-04	Vol 1. Sec 4 Bidding Forms Key Personnel			General		Would Masters and/or PHD Degree count towards total work experience?	<i>No. Masters and/or PHD cannot count as work experience.</i>
S-04	Vol 1. Sec 4 Bidding Forms Bid Security			Bonds		Regarding Performance Bond both for construction period and defect notification period, can we separate it into two bonds? In particular, first bond from the start of the contract to the start of defect notification period and the second bond from the start of defect notification period to completion of the works.	<i>No. Contractor shall provide performance bond in accordance with relevant clauses in the Contract Document</i>
S-04	Vol 1. Sec 4 Bidding Forms Letter of Bid Appendix 1			Discount for Multiple Package Award		Can a company entering in multiple packages with different joint venture submit discount for multiple packages? E.g.) Package 4 : Leading Company "A" + Company "B" Package 5 : Leading Company "A" + Company "C" Package 6 : Leading Company "A" Can this leading company submit multiple package discount (package 4 to 6)?	<i>No. Only the same Bidder can offer discount for multiple package bid. The Joint Venture with different entities shall be regarded as different Bidder.</i>
S-05	Volume 2			Specifications, 2.2 SCRP General Specification	GS 103, Full site possession will be given not later than 12 months after the initial staged possession has commenced.	According to Addendum #4 in GBB No. 28 issued dated on June 01, 2021, the site access delivery schedule was given in Volume 2, Part II, Section 6. Vol 2 of the addendum #4 provides the date of the full site access to be not later than 9 months after the initial staged possession instead of 12 months. Please clarify.	<i>The Site Access Dates/Site Access Delivery Schedule would govern, pursuant to reference in PCC 2.1. GS 103 states full site access would be given <u>not later than 12 months</u> after initial staged possession. 5 months after initial staged possession is within this period.</i>

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S-05	Volume 1 & Section 4A Volume 2, Section 6III			Bill No.8 Schedule of Provisional sums PS-13 Supplementary Information	Oil Lines Employment of Specialist Decommissioning / Recommissioning Engineers to modify oil pipelines to avoid proposed SC Infrastructure and return pipelines to working conditions to the satisfaction of the pipeline owners. Oil pipelines owned by two entities cross the PNR ROW at three known locations in CP S- 03a, CP S-03b and CP S-05. A potential clash has been identified for CP S-05. The Contractors shall engage a Decommissioning Specialist Contractor to decommission the section of pipework, amend the pipework including additional materials and to test and recommission the pipelines. A provisional sum has been included within each for this work to cover both the Decommissioning Specialist Contractor and the attendance and civil works by the Civil Contractor (including environmental precautions). It is anticipated that the pipelines still contain oil.	According to Bill No.8 Schedule of Provisional sums PS-13, the Bidder is expected to hire engineers of specialist for decommissioning / recommissioning oil lines --- The contractor interprets "Engineers (or Specialists)" for only Engineering without the inclusion of the construction-related activities. However, the supplementary information (refer to the reference text) mentions a decommissioning Specialist 'Contractor' implying that the Bidder's scope of works includes the construction-related activities associated with oil lines. Please clarify.	<i>The bidder/contractor is required to employ a Specialist Decommissioning / Recommissioning Engineers to modify oil pipelines and return pipelines to working conditions to the satisfaction of the pipeline owners, therefore the construction of related activities associated with oil lines is included in PS- 13.</i>
S-05	Volume 1A Sec.4A BOQ			Removal of Existing Lined Canal CP S04-07 Responses to Clarification Request (GBB No. 25) dated May 28, 2021	Clarification request: The Quantity is Linear meter. Drawing only mentions widths. Height isn't shown in the drawing. Please, provide the specific drawing included with the information. Final Response: Please refer to the topographic survey in the Site Data for any available information from the Employer about the canal. The bidder may check the existing condition of the canal for pricing exercise.	The topographic survey provided in the Site Data shows the plan view in the vicinity of the site without providing any cross-section of canals. Hence, the information given in the topographic survey does not provide any basis of the quantity of the concrete to be removed and the quantity of the fill material to be removed with a linear meter of the existing canal. Due to the reason above, the bidder kindly request the client either (1) to move this item in the PS, or (2) to split out BoQ item for "the removal of the concrete" and "the removal of the fill material."	<i>The bidder is advised to refer to the topographic survey in the Site Data for any available information from the Employer about the canal. If the available information is not sufficient for pricing, the bidder may check the existing condition of the canal and please also refer to TS- Annex A 202.1 - Measurement and Payment.</i>

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S-05	Volume 1A Sec.4A BOQ			Bill No.8 Schedule of Provisional sums PS-17 NSRP-DWG-VIA05-DR- 0007_21.3	Culvert Design and Construction underneath PNR Track (advance works)	1. Please clarify if the "Culvert" in PS-16 is the 'Relocated Canal' or 'the Proposed Canal.' 2. If the culvert in PS-16 refers to the Proposal Canal, please provide the bidder with the timeline when the bidder expects to perform.	1)The Bidder is advised that the correct Item No. & Description is PS-17- Culvert Design and Construction underneath PNR Track (advance works). Please refer to the GBB 31 Addendum 6 BOQ, Bill No. 8-Schedule of Provisional Sum. The Bidder is further advised that the work for PS-17 pertains to Culvert underneath PNR Track and it does not refer to the Relocated Canal nor to the Proposed Canal. 2)As "Advance Works" - the culvert works should be implemented in advance (or ahead of the regular BOQ work items) - with systematic planning & scheduling.
S-05	Volume 1A Sec.4A BOQ			Bill No.8 Schedule of Provisional sums PS-15	Extra Over for Breaking Out Obstructions the removal of rock (except bedrock), boulders, artificial hard material and the like which is encountered during the construction period, which can only be removed by special plant or explosives	For PS-15, the bidder kindly requests the client to provide where PS-13 item would be considered as a part of the construction. By doing so, the bidder could properly build up the construction plan accordingly. Please advise.	The Bidder is advised that the PS-15 is the provision for the breaking out of obstructions that could be encountered in the Bored Pile Excavation or in the Bored Pile Shaft excavation. Please refer to the Technical Specifications, TS 200, Section 204, Clause 204.4.4-Obstructions.
S-05	Volume 1A Sec.4A BOQ			Bill No.8 Schedule of Provisional sums PS-16	BIM- Common Data Environment	The bidder kindly requests the client to provide the explanation on the work to be done under PS-16. By doing so, the bidder could be properly prepared for the execution. Please advise.	The Bidder is advised to refer to Addendum 6, Appendix 18 - BIM Requirements.
S-05	Volume 1A Sec.4A BOQ			Bill Nos 6-1, 6-2, & 6-3	Part G Drainage Works	The bidder was not able to locate the relevant drawing for these items. Please provide the reference drawing associated with the drainage works of substations.	Typical details will be added in the IFC
S-05	Volume 1, Part I, Section 2 -- BDS					The bidder was wondering when the client would provide the following document to be issued as a part of the Site Data: 10.12 Tree Cutting Relocation from PNR Private Land 10.22 Available Land	1.Bidder is referred PS - 11 for Enabling Works (Tree-Cutting / Relocation / Preservation) 2. Bidder is referred to Site Access Dates issued in Addendum 4.
S-05	Volume 2, Part II, Section 6, II			Drawings – Site Access Delivery Schedule		The bidder was wondering how the bidder could assume the commencement date(e.g., July 1, 2022 as appeared in ITB for Package 04).	The Employer is unable to understand the question
S-05	Volume 3, Section 8, PCC			1.1.3.3 Time for Completion of the Work	For the whole of the Works, the time for completion shall be one thousand four hundred and sixty (1,460) calendar days from the Commencement Date.	The bidder has found the discrepancy between the date shown in 1.1.3.3 Time for Completion of the Work (i.e., 1,460 days) and the date in the Attachment 1 (1,734). Please clarify.	Bidder is advised that the Time for Completion of S-05 is 1734 Days. Bidder is referred to Addendum 6 revision.
S-05	Vol 1. Sec 4 Bidding Forms Key Personnel			General		Would Masters and/or PHD Degree count towards total work experience?	No. Masters and/or PHD cannot count as work experience.
S-05	Vol 1. Sec 4 Bidding Forms Bid Security			Bonds		Regarding Performance Bond both for construction period and defect notification period, can we separate it into two bonds? In particular, first bond from the start of the contract to the start of defect notification period and the second bond from the start of defect notification period to completion of the works.	No. Contractor shall provide performance bond in accordance with relevant clauses in the Contract Document

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S-05	Vol 1. Sec 4 Bidding Forms Letter of Bid Appendix 1			Discount for Multiple Package Award		Can a company entering in multiple packages with different joint venture submit discount for multiple packages? E.g.) Package 4 : Leading Company "A" + Company "B" Package 5 : Leading Company "A" + Company "C" Package 6 : Leading Company "A" Can this leading company submit multiple package discount (package 4 to 6)?	<i>No. Only the same Bidder can offer discount for multiple package bid. The Joint Venture with different entities shall be regarded as different Bidder.</i>
S-05	Volume 2_02 Book 2 (Architectural)			NSRP-DW- BIN/PTA/SPO/SRO-3403 to 3404	Vol.1A Sec.4A BOQ Bill no. 4-1 to 4-4 Item No. 510(1)	Please clarify if High Impact Laminate Sheet is for covering the surface of Modular Cabinet. Or kindly clarify if pay item 510(1) is referring only the High Impact Laminate Sheet or the Modular Cabinet made-up of High Impact Laminate Sheet?	<i>Pay Item No. 510(1) is referring to the Modular Cabinet made-up of High Impact Laminate Sheet, please refer to TS 500, Section 510.</i>
S-05	Volume 2_02 Book 2 (Architectural)			Bill of Quantities - SP 05 (Bill 6-1 to 6-5)		Please provide Revised Plans, Door Schedule and Details for pay items S526(1), S526(2), S526(3), S526(4) for Substations 10-14	<i>Please refer to NSRP-DWG-SS00-AR-3005, rev 21.3 for Schedule of Doors and Windows. For revised plans, please refer to the ff. drawings: NSRP-DWG-SS-AR-3024, rev 21.3 NSRP-DWG-SS-AR-3027, rev 21.3</i>
S-05	Volume 2_02 Book 2 (Architectural)			Bill of Quantities - SP 05 (Bill 6-1 to 6-5)		Please provide Revised Plans, Door Schedule and Details for pay items S528(1)a and S528(1)b for Substations 10-14	<i>Please refer to NSRP-DWG-SS00-AR-3005, rev 21.3, for Schedule of Doors and Windows. For revised plans, please refer to the ff. drawings: NSRP-DWG-SS-AR-3024, rev 21.3 NSRP-DWG-SS-AR-3027, rev 21.3</i>
S-05	Volume 2_02 Book 2 (Architectural)			Bill of Quantities - SP 05 (Bill 6-1 to 6-5)		Please provide Details for pay item S548(1) for Substations 10-14	<i>For the details of Item S548(1) - Please refer to drawing nos.: NSRP-DWG-SS00-AR-3005, Rev. 21.3 and NSRP-DWG-SS00-AR-3202, Rev. 21.3.</i>
S-05	Volume 2_02 Book 2 (Architectural)			Bill of Quantities - SP 05 (Bill 6-1 to 6-5)		Please confirm if Vinyl Baseboard (S538(2)) in substations is same item as B1: H=100m, High Vinyl Baseboard strip in Main Stations	<i>The Bidder is advised to refer to the Addendum 6 BOQ, Bill Nos. 6-1, 6-2, 6-3, 6-4 & 6-5; Item No. S538(2) for the Substation's Vinyl Baseboard Item.</i>
S-05	Volume 2_01 (Specifications)			Bill of Quantities GS 106 (1, 2, 3 and 4)		Please provide supplemental specification which includes all necessary facilities, furniture, equipment, personnel, apparatus and installations for its own use and that of the engineer.	<i>The Bidder is advised to refer to the General Specifications, Section GS106, Sub-Section 106.1. Please also refer to the Section GS 115-Quality Assurance and Quality Control Requirements and to the Appendix 2.</i>

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S-05	Volume 2_02 Book 2 (Architectural)			Bill of Quantities - SP 05 (Bill 6-1 to 6-5)		Please provide locations of CHB Wall, Non-Load Bearing, (incl. Reinforcing Steel); t=200mm and CHB Wall, Non-Load Bearing, (incl. Reinforcing Steel); t=150mm for Substations 10-14	<p><i>1) Locations of non-load bearing CHB walls are found in the following sheets issued rev 21.3:</i></p> <p><i>NSRP-DWG-SS10-AR-3101</i> <i>NSRP-DWG-SS11-AR-3101</i> <i>NSRP-DWG-SS12-AR-3101</i> <i>NSRP-DWG-SS13-AR-3101</i> <i>NSRP-DWG-SS14-AR-3101</i></p> <p><i>2) The reinforcements of CHB are provided in NSRP-DWG-STA-ST-4041 rev 21. They are applicable to both 200mm and 150mm thick CHB walls.</i></p> <p><i>Refer to pay item 412(5) BoQ issued Addendum 6.</i></p>
S-05	Volume 2_02 Book 2 (Architectural)			Bill of Quantities - SP 05 (Bill 6-1 to 6-5)		Please provide Schedule of Wall Finish for pay item S548(2) for Substations 10-14	<i>Please refer to NSRP-DWG-SS00-AR-3005, rev 21.3 for Schedule of Finishes.</i>
S-05	Volume 2_02 Book 2 (Architectural)			Bill of Quantities - SP 05 (Bill 6-1 to 6-5)		Please provide Details and Specifications for Aluminum Shelves - 554(20) for Substations 10-14	<i>Please refer to NSRP-DWG-SS00-AR-3202, rev 21.3 for Toilet Typical Details</i>
S-05	Volume 2_02 Book 2 (Architectural)			Bill of Quantities - SP 05 (Bill 6-1 to 6-5)		Please provide Details for Cyclone Fencing and Cyclone gate for Substation 10-14 under miscellaneous works	<i>Please refer to NSRP-DWG-SS00-AR-3203, rev 21.3 for security fence details</i>
S-05	Volume 2_02 Book 2 (Architectural) General Drawings			NSRP-DWG-STA-AR-3522		Please provide more detailed drawing for Acrylic Glass Safety Ceiling Deflector. Please clarify the intent of Acrylic Glass Safety Ceiling Deflector.	<i>The intent of Acrylic Glass Safety Ceiling Deflector is for directional signage and/or warning sign for headroom clearance.</i>
S-05	Volume 2_02 Book 2 (Architectural) General Drawings			NSRP-DWG-STA-AR-3522	Vol.1A Sec.4A BOQ Bill no. 4-1 to 4-4 Item No. 535(2)	Please clarify the thickness of Acrylic Glass Safety Ceiling Deflector if t=5mm as per BOQ or t=20mm as per indicated in drawings	<i>T=20mm is the thickness of Acrylic Safety Ceiling Deflector for Escalator indicated on pay item 535(2), Addendum 6.</i>
S-05	Volume 2_02 Book 2 (Architectural)			NSRP-DWG-SPO/SRO-3033 to 3034 NSRP-DWG-SPO-AR-3517 NSRP-DWG-SRO-AR-3518		Please confirm what finish will govern, the schedule of finishes or the finish indicated in detailed drawings. Please clarify the conflict of finish in PSD Room.	<i>For PSD Room floor finish please follow FF2 - Self Levelling Epoxy paint with hardener. Please refer to Drawing number NSRP-DWG-SPO-AR-3520 rev. 21.3</i>
S-05	CP S-05_02_Structural_SS_10-14			NSRP-DWG-SS10-ST-4001, SS-11-ST-4001, SS12-ST-4001,SS13-ST-4001,ST14-ST-4001		Expansion Joints (Elastic Tight Joints) located at Plans for Substation 10 to Substation 14. Please provide detailed drawing.	<p><i>Please refer to the following drawings which is attached as Annex 1:</i></p> <p><i>NSRP-DWG-SS10-ST-4302 rev 21.6</i> <i>NSRP-DWG-SS11-ST-4302 rev 21.6</i> <i>NSRP-DWG-SS12-ST-4302 rev 21.6</i> <i>NSRP-DWG-SS13-ST-4302 rev 21.6</i> <i>NSRP-DWG-SS14-ST-4302 rev 21.6</i></p>
S-05	Vol. 1A Sec 4A BOQ		Bill no. 5	Bill of Quantities - (Bill No. 5) - Drainage System and River Bank Protection	Item No. 201(4)a, 201(4)b, 201(4)d, 103(1)d	Please provide topographic survey (which contains Natural Grade Line and Finished Grade Line elevations) for Drainage System & River Bank Protection only, for estimation of exact elevation.	<i>For the drainage design the depth of excation can be estimated using the schedule in the plan and schedule drawings.</i>

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S-05	Vol. 1A Sec 4A BOQ (CP S-05)		Bill No. 4	NSRP-DWG-STA-AR-3501	Item No. 504(2)	Please verify: 1. What detail to use for 90 x 90 x 60mm, Granite Brick At-Grade Paving [Interlocking Block (Permeable) or Walkway Pavement and Granite Finishing]	BOQ Reference for PIN 504(2): Walkway Pavement and Granite Finishing refer to NSRP-DWG-STA-AR-3501, rev. 21.3
S-05	Vol. 1A Sec 4A BOQ		Bill No. 4	Bill of Quantities - (Bill No. 4)	Item No. 504(2)	Please verify that the materials used for 90 x 90 x 60mm, Granite Brick At-Grade Paving is granite or concrete? Item number refers to TS 504 (Architectural Concrete Paver).	BOQ Reference for PIN 504(2) is granite based on drawing NSRP-DWG-STA-AR-3501, rev. 21.3 PIN for pay item to be revised from 504 to 536
S-05	Vol. 1A Sec 4A BOQ		Bill No. 4	Bill of Quantities - (Bill No. 4)	Item No. 564(1)a	Based on Bid Bulletin 17 (p. 31) that the driveway paving unit rate includes the subbase. However, there is already a pay item for aggregate subbase course in stations and substations [106(2)]	Quantity of aggregate sub-base course in driveway is not included in PIN 106(2). Aggregate subbase course and other related works such as subgrade preparation in driveway shall be included under PIN 564(1)a--Driveway Paving.
S-05	Vol. 1A Sec 4A BOQ (CP S-05)		Bill No. 4	NSRP-DWG-STA-AR-3556	Item No. 566(1)	Please verify length of 300mmx900mm Fabric-Reinforced Laminated Rubber Dock Bumper. Based on detail, cross-sectional area is 300 mm x 200 mm, while pay item states that dimensions are 300 mm x 900 mm. Does the 900 mm refer to the length?	Details of Rubber Dock Bumper on NSRP-DWG-STA-AR-3556, rev 21.2, shall govern
S-05	Vol. 1A Sec 4A BOQ (CP S-05)		Bill No. 4	Bill of Quantities - (Bill No. 4)	Item No. 522(4)	Please provide details for WF9 Wall: T=4mm Aluminum Composite Material (ACM) with Photocatalyst & FEVE/PVDF (Polyvinylidene Difluoride) Coating and Mineral Fiber Core (Fire Rated)	For Detail of Finish please refer to NSRP-DWG-STA-AR-3503 Rev 21.3 Wall Type -1 BOQ Reference for 522(4): NSRP-DWG-SPO-AR-3569, rev 21.3, NSRP-DWG-SPO-AR-3570, rev 21.3, NSRP-DWG-PTA-AR-3569, rev 21.3 NSRP-DWG-PTA-AR-3570, rev 21.3 NSRP-DWG-BIN-AR-3569, rev 21.3, NSRP-DWG-BIN-AR-3570, rev 21.3, NSRP-DWG-SRO-AR-3569, rev 21.3, NSRP-DWG-SRO-AR-3570, rev 21.3
S-05	TS 500 Annex A Addendum 6 20210531		TS-500-Annex A-12	Section 505.1.1	“Membrane Insulation Barrier on Troweled Finish Concrete floor finishing is measured in “Square Meter”. The Membrane Insulation Barrier shall be quantified (and costed) separately (from the Troweled Concrete Finishing works) and be added to the membrane waterproofing Pay Item (under TS 514). Rate for this Item (i.e. Membrane Insulation Barrier on Troweled Finish Concrete) shall be of the trowel concrete finishing works only.”	Please verify that the rate for Item No. 505(2) “FF12 Floor: Membrane Insulation Barrier on Troweled Finish Concrete” includes only trowel concrete. Also, please verify what pay item will the membrane insulation barrier be included to?	PIN 505(2) --- FF12 Floor: Membrane Insulation Barrier on Troweled Finish Concrete in Addendum 6 BOQ shall include both the cost of the Troweled Concrete and Membrane Insulation Barrier.

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S-05	1.3b CP S-05 Vol. 1A Sec 4A BOQ	Item 201(4)b	Bill no. 5	Bill of Quantities - (Bill No. 5) - Drainage System and River Bank Protection		<p>Please provide type and detail for Item 201(4)b Structural Excavation for Realigned Canal including Slope Protection. (Please confirm if Permanent Slope Protection).</p> <p>If in this Item is including Permanent Slope Protection, Some area of the Realigned canal will be needed Temporary Slope Protection, (Please confirm if Temporary Slope protection will be under in this item).</p>	<p><i>For Item 201(4)b , please refer to NSRP-DWG-VIA05-DR-4000 series Rev. 21 & 21.3</i></p> <p><i>Only Temporary Slope Protection is included in this item. Temporary Slope protection will depends on the contractor's site condition assesment if vertical cutting/excavation is not possible.</i></p> <p><i>Please note PIN 201(4)b description to be revised in the latest published BOQ, to 201(4)b Structural Excavation for Realigned Canal including Temporary Slope Protection</i></p>
S-05	1.3b CP S-05 Vol. 1A Sec 4A BOQ	Item 201(4)a	Bill no. 5	Bill of Quantities - (Bill No. 5) - Drainage System and River Bank Protection		<p>Item 201(4)a Structural Excavation for Drainage Pipe/Channel include in Mainline.</p> <p>Some area of the Mainline Drainage Channel will be needed Temporary Slope Protection, (Please confirm if Temporary Slope protection will be under in this item). If included, what type of Slope Protection will be used)</p>	<p><i>If temporary slope protection will be needed in some area of the mainline drainage channel, it shall be included under PIN 201(4)a---Structural Excavation for Drainage Pipe/Channel include in Mainline.</i></p> <p><i>Temporary slope protection shall be applied using a slope of 1V:1.5H with geotextile or coco fabric. if there is a limited workspace a provision of vertical timber sheet piles shall be provided during the construction stage.</i></p> <p><i>Please note that the temporary slope protection shall be determined and approved by an engineer on site.</i></p>
S-05	Volume no. 1		Bill no. 6-1 to 6-5	Bill of Quantities - (Bill No. 6-1 to 6-5) - Architectural Works - Waterproofing	Item S514(5)	<p>Item S515(5) - Liquid Applied Elastomeric/Polyurethane Membrane System Waterproofing.</p> <p>Please verify the quantity in BoQ for this item. In the given drawings, it seems that the quantity for this item is more than 6 sqm</p>	<p><i>Addendum 6 BOQ PIN S514(5) --- Liquid Applied Elastomeric/Polyurethane Membrane System Waterproofing covers the waterproofing for the Toilet Roof.</i></p> <p><i>Waterproofing for the Substation Roof is under S514(1) -- - Roof Polyurethane Waterproof Membrane with T=50mm Rigid Insulation</i></p> <p><i>This is in accordance to drawing NSRP-DWG-SS00-AR-3005, rev. 21.3</i></p>
S-05	CP S- 05_02_Structural _SS_10-14			NSRP-DWG-SS10-ST- 4001, SS-11-ST-4001, SS12-ST-4001,SS13-ST- 4001,ST14-ST-4001		<p>Equipment Foundation located at Plans for Substation 15 to Substation 18. Please confirm what pay item will the Equipment Foundation be included to?</p>	<p><i>Reinforced Concrete Plinth for Outdoor Air-Cooled Condenser Unit including vibration isolation, anchor bolts shall be included on PIN 611(x)x Air Conditioning Units. Please refer to TS 600 Annex A 611.1.1 g)</i></p>

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S-06	Volume 2			Specifications, 2.2 SCRIP General Specification	GS 103, Full site possession will be given not later than 12 months after the initial staged possession has commenced.	According to Addendum #4 in GBB No. 28 issued dated on June 01, 2021, the site access delivery schedule was given in Volume 2, Part II, Section 6. Vol 2 of the addendum #4 provides the date of the full site access to be not later than 5 months after the initial staged possession instead of 12 months. Please clarify.	<i>The Site Access Dates/Site Access Delivery Schedule would govern, pursuant to reference in PCC 2.1.</i> <i>GS 103 states full site access would be given <u>not later than</u> 12 months after initial staged possession. 5 months after initial staged possession is within this period.</i>
S-06	Volume 1A Sec.4A BOQ			Removal of Existing Lined Canal CP S04-07 Responses to Clarification Request (GBB No. 25) dated May 28, 2021	Clarification request: The Quantity is Linear meter. Drawing only mentions widths. Height isn't shown in the drawing. Please, provide the specific drawing included with the information. Final Response: Please refer to the topographic survey in the Site Data for any available information from the Employer about the canal. The bidder may check the existing condition of the canal for pricing exercise.	The topographic survey provided in the Site Data shows the plan view in the vicinity of the site without providing any cross-section of canals. Hence, the information given in the topographic survey does not provide any basis of the quantity of the concrete to be removed and the quantity of the fill material to be removed with a linear meter of the existing canal. Due to the reason above, the bidder kindly request the client either (1) to move this item in the PS, or (2) to split out BoQ item for "the removal of the concrete" and "the removal of the fill material."	<i>The Bidder is advised to refer to the topographic survey in the Site Data for any available information from the Employer about the canal. If the available information is not sufficient for pricing, the bidder may check the existing condition of the canal and please also refer to TS-Annex A 202.1 - Measurement and Payment.</i>
S-06	Volume 1A Sec.4A BOQ			Bill No.8 Schedule of Provisional sums PS-14 NSRP-DWG-VIA06-DR-0007_21.3	Culvert Design and Construction underneath PNR Track (advance works)	1. Please clarify if the "Culvert" in PS-16 is the 'Relocated Canal' or 'the Proposed Canal.' 2. If the culvert in PS-16 refers to the Proposal Canal, please provide the bidder with the timeline when the bidder expects to perform.	<i>1)The Bidder is advised that the correct Item No. & Description is PS-14 - Culvert Design and Construction underneath PNR Track (advance works). Please refer to the GBB 31 Addendum 6 BOQ, Bill No. 8-Schedule of Provisional Sum. The Bidder is further advised that the work for PS-14 pertains to Culvert underneath PNR Track and it does not refer to the Relocated Canal nor to the Proposed Canal. 2)As "Advance Works" - the culvert works should be implemented in advance (or ahead of the regular BOQ work items) - with systematic planning & scheduling.</i>
S-06	Volume 1A Sec.4A BOQ			Bill No.8 Schedule of Provisional sums PS-12	Extra Over for Breaking Out Obstructions the removal of rock (except bedrock), boulders, artificial hard material and the like which is encountered during the construction period, which can only be removed by special plant or explosives	For PS-12, the bidder kindly requests the client to provide where PS-12 item would be considered as a part of the construction. By doing so, the bidder could properly build up the construction plan accordingly. Please advise.	<i>The Bidder is advised that the PS-12 is the provision for the breaking out of obstructions that could be encountered in the Bored Pile Excavation or in the Bored Pile Shaft excavation. Please refer to the Technical Specifications, TS 200, Section 204, Clause 204.4.4-Obstructions.</i>
S-06	Volume 1A Sec.4A BOQ			Bill No.8 Schedule of Provisional sums PS-13	BIM- Common Data Environment	The bidder kindly requests the client to provide the explanation on the work to be done under PS-13. By doing so, PS-13 item could be properly prepared for the execution. Please advise.	<i>The Bidder is advised to refer to Addendum 6, Appendix 18 - BIM Requirements.</i>
S-06	Volume 1A Sec.4A BOQ	Part G Drainage Works		Bill Nos 6-1, 6-2, & 6-3		The bidder was not able to locate the relevant drawing for these items. Please provide the reference drawing associated with the drainage works of substations.	<i>Typical details will be added in the IFC set of Drawings as NSRP-DWG-VIA00-DR-1503</i>

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S-06	Volume 2, Part II, Section 6, II			Drawings – Site Access Delivery Schedule		The bidder was wondering how the bidder could assume the commencement date(e.g., July 1, 2022 as appeared in ITB for Package 04).	<i>The Employer is unable to understand the question</i>
S-06	Volume 3, Section 8, PCC			1.1.3.3 Time for Completion of the Work	For the whole of the Works, the time for completion shall be one thousand four hundred and sixty (1,460) calendar days from the Commencement Date.	The bidder has found the discrepancy between the date shown in 1.1.3.3 Time for Completion of the Work (i.e., 1,460 days) and the date in the Attachment 1 (1,734). Please clarify.	<i>Bidder is advised that the Time for Completion of S-06 is 1734 Days. Bidder is referred to Addendum 6 revision.</i>
S-06	Volume 2 Section 6 II Drawings			NSRP-DWG-BR215-ST- 0153 CP S04-07 Responses to Clarification Request (GBB No. 26) dated May 31, 2021	Clarification request: AESTHETIC TOP COAT; According to drawing said the exterior surface will be executed the paint on site. Is it possible to change the work condition to shop paint except the painting at bolt joint area? Final Response: The purpose of the site coat is to ensure that any blemishes resulting from transportation or erection are covered. Please paint the final aesthetic coat on site.	Since the bidder understands the intention of the client associated with the aesthetic top coat on site, the bidder was wondering if the bidder performs on site aesthetic top coat isolated to the portion of any blemishes, if there is any. For the reference of the client, since performing on site aesthetic top coat involves a lot of difficulties such as the preparation of the working pad for all painters, covering the entire arch steel structure to be protected during the coating, etc, it is accepted practice to perform on site aesthetic top coat isolated to the portions of any blemishes. Please advise.	<i>Please paint the final aesthetic coat on site.</i>
S-06	Vol 1. Sec 4 Bidding Forms Key Personnel			General		Would Masters and/or PHD Degree count towards total work experience?	<i>No. Masters and/or PHD cannot count as work experience.</i>
S-06	Vol 1. Sec 4 Bidding Forms Bid Security			Bonds		Regarding Performance Bond both for construction period and defect notification period, can we separate it into two bonds? In particular, first bond from the start of the contract to the start of defect notification period and the second bond from the start of defect notification period to completion of the works.	<i>No. Contractor shall provide performance bond in accordance with relevant clauses in the Contract Document</i>
S-06	Vol 1. Sec 4 Bidding Forms Letter of Bid Appendix 1			Discount for Multiple Package Award		Can a company entering in multiple packages with different joint venture submit discount for multiple packages? E.g.) Package 4 : Leading Company "A" + Company "B" Package 5 : Leading Company "A" + Company "C" Package 6 : Leading Company "A" Can this leading company submit multiple package discount (package 4 to 6)?	<i>No. Only the same Bidder can offer discount for multiple package bid. The Joint Venture with different entities shall be regarded as different Bidder.</i>
S-06	Volume 2_02 Book 2 (Architectural)			Bill of Quantities - SP 06 (Bill 6-1 to 6-4)		Please provide Revised Plans, Door Schedule and Details for pay items S526(1), S526(2), S526(3), S526(4) for Substations 15-18	<i>Please refer to NSRP-DWG-SS00-AR-3005, rev 21.3, for Schedule of Doors and Windows. For revised plans, please refer to the ff. drawings: NSRP-DWG-SS-AR-3009, rev 21.3, NSRP-DWG-SS-AR-3015, rev 21.2, NSRP-DWG-SS-AR-3030, rev 21.3</i>

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S-06	Volume 2_02 Book 2 (Architectural)			Bill of Quantities - SP 06 (Bill 6-1 to 6-4)		Please provide Revised Plans, Door Schedule and Details for pay items S528(1)a and S528(1)b for Substations 15-18	<i>Please refer to NSRP-DWG-SS00-AR-3005, rev 21.3, for Schedule of Doors and Windows.</i> <i>For revised plans, please refer to the ff. drawings: NSRP-DWG-SS-AR-3009, rev 21.3, NSRP-DWG-SS-AR-3015, rev 21.2, NSRP-DWG-SS-AR-3030, rev 21.3</i>
S-06	Volume 2_02 Book 2 (Architectural)			Bill of Quantities - SP 06 (Bill 6-1 to 6-4)		Please provide Details for pay item S548(1) for Substations 15-18	<i>Detail of S548(1) 12mm thk. Gypsum Board on Light Metal Frame; Painted Finish</i>
S-06	Volume 2_02 Book 2 (Architectural)			Bill of Quantities - SP 06 (Bill 6-1 to 6-4)		Please confirm if Vinyl Baseboard (S538(2)) in substations is same item as B1: H=100m, High Vinyl Baseboard strip in Main Stations	<i>The Bidder is advised to refer to the Addendum 6 BOQ, Bill Nos. 6-1, 6-2, 6-3 & 6-4; Item No. S538(2) for the Substation's Vinyl Baseboard Item</i>
S-06	Volume 2_01 (Specifications)			Bill of Quantities		Please provide supplemental specification which includes all necessary facilities, furniture, equipment, personnel, apparatus and installations for its own use and that of the engineer.	<i>Please refer to GS 106 Laboratory for the supplemental specifications where it shall of standard type, properly housed by the Contractor and as approved by the Engineer.</i>
S-06	Volume 2_02 Book 2 (Architectural)			Bill of Quantities - SP 06 (Bill 6-1 to 6-4)		Please provide locations of CHB Wall, Non-Load Bearing, (incl. Reinforcing Steel); t=200mm and CHB Wall, Non-Load Bearing, (incl. Reinforcing Steel); t=150mm for Substations 15-18	<i>Addendum 6 BOQ CHB Walls locations are as follows: PIN 412(4) --- CHB Wall, Non-Load Bearing, (incl. Reinforcing Steel); t=150mm --- Substaion and Gas Cylinder Room PIN 412(5) --- CHB Wall, Non-Load Bearing, (incl. Reinforcing Steel); t=200mm --- Permanent Toilet</i>
S-06	Volume 2_02 Book 2 (Architectural)			Bill of Quantities - SP 06 (Bill 6-1 to 6-4)		Please provide Schedule of Wall Finish for pay item S548(2) for Substations 15-18	<i>Please refer to NSRP-DWG-SS00-AR-3005, rev 21.3 for Schedule of Finishes.</i>
S-06	Volume 2_02 Book 2 (Architectural)			Bill of Quantities - SP 06 (Bill 6-1 to 6-4)		Please provide Details and Specifications for Aluminum Shelves - 554(20) for Substations 15-18	<i>Please refer to NSRP-DWG-SS00-AR-3202, rev 21.3 for Toilet Typical Details</i>
S-06	Volume 2_02 Book 2 (Architectural)			Bill of Quantities - SP 06 (Bill 6-1 to 6-4)		Please provide Details for Cyclone Fencing and Cyclone gate for Substations 15-18 under miscellaneous works	<i>Please refer to NSRP-DWG-SS00-AR-3203, rev 21for Security Fence and Gate details</i>
S-06	Volume 2_03 Book 2 (Architectural)			NSRP-DWG-STA-AR-3522		Please provide more detailed drawing for Acrylic Glass Safety Ceiling Deflector. Please clarify the intent of Acrylic Glass Safety Ceiling Deflector.	<i>The intent of Acrylic Glass Safety Ceiling Deflector is for directional signage and/or warning sign for headroom clearance.</i>
S-06	CP S-06_02_Structural_SS_15-18			NSRP-DWG-SS15-ST-4001, SS-16-ST-4001, SS17-ST-4001,SS18-ST-4001		Expansion Joints (Elastic Tight Joints) located at Plans for Substation 15 to Substation 18. Please provide detailed drawing.	<i>Please refer to the following drawings which is attached as Annex 2: NSRP-DWG-SS15-ST-4302 rev 21.6 NSRP-DWG-SS16-ST-4302 rev 21.6 NSRP-DWG-SS17-ST-4302 rev 21.6 NSRP-DWG-SS18-ST-4302 rev 21.6</i>

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S-06	Vol. 1A Sec 4A BOQ		Bill no. 5	Bill of Quantities - (Bill No. 5) - Drainage System and River Bank Protection	Item No. 201(4)a, 201(4)b, 201(4)d, 103(1)d	Please provide topographic survey (which contains Natural Grade Line and Finished Grade Line elevations) for Drainage System & River Bank Protection only, for estimation of exact elevation.	<i>Bidder is referred to CAD data</i>
S-06	Vol. 1A Sec 4A BOQ		Bill No. 4	NSRP-DWG-STA-AR-3501	Item No. 504(2)	Please verify: 1. What detail to use for 90 x 90 x 60mm, Granite Brick At-Grade Paving [Interlocking Block (Permeable) or Walkway Pavement and Granite Finishing]	<i>BOQ Reference for PIN 504(2): Walkway Pavement and Granite Finishing on NSRP-DWG-STA-AR-3501, rev. 21.3</i>
S-06	Vol. 1A Sec 4A BOQ		Bill No. 4	Bill of Quantities - (Bill No. 4)	Item No. 504(2)	Please verify that the materials used for 90 x 90 x 60mm, Granite Brick At-Grade Paving is granite or concrete? Item number refers to TS 504 (Architectural Concrete Paver).	<i>BOQ Reference for PIN 504(2): NSRP-DWG-STA-AR-3501, rev. 21.3</i>
S-06	Vol. 1A Sec 4A BOQ		Bill No. 4	Bill of Quantities - (Bill No. 4)	Item No. 564(1)a	Based on Bid Bulletin 17 (p. 31) that the driveway paving unit rate includes the subbase. However, there is already a pay item for aggregate subbase course in stations and substations [106(2)]	<i>Quantity of aggregate sub-base course in driveway is not included in PIN 106(2). Aggregate subbase course and other related works such as subgrade preparation in driveway shall be included under PIN 564(1)a--Driveway Paving.</i>
S-06	Vol. 1A Sec 4A BOQ (CP S-06)		Bill No. 4	NSRP-DWG-STA-AR-3556	Item No. 566(1)	Please verify length of 300mmx900mm Fabric-Reinforced Laminated Rubber Dock Bumper. Based on detail, cross-sectional area is 300 mm x 200 mm, while pay item states that dimensions are 300 mm x 900 mm. Does the 900 mm refer to the length?	<i>Details of Rubber Dock Bumper on NSRP-DWG-STA-AR-3556, rev 21.2 shall govern. Bidder is referred to the latest published BOQ.</i>
S-06	Vol. 1A Sec 4A BOQ (CP S-06)		Bill No. 4	Bill of Quantities - (Bill No. 4)	Item No. 522(4)	Please provide details for WF9 Wall: T=4mm Aluminum Composite Material (ACM) with Photocatalyst & FEVE/PVDF (Polyvinylidene Difluoride) Coating and Mineral Fiber Core (Fire Rated)	<i>For Detail of Finish please refer to NSRP-DWG-STA-AR-3503 Rev 21.3 Wall Type -1 BOQ Reference for 522(4): NSRP-DWG-CAB-AR-3569, rev 21.3, NSRP-DWG-CAB-AR-3570, rev 21.3, NSRP-DWG-BAN-AR-3569, rev 21.3, NSRP-DWG-BAN-AR-3570, rev 21.3, NSRP-DWG-CAL-AR-3569, rev 21.3, NSRP-DWG-CAL-AR-3570, rev 21.3,</i>
S-06	TS 500 Annex A Addendum 6 20210531		TS-500-Annex A-12	Section 505.1.1	“Membrane Insulation Barrier on Troweled Finish Concrete floor finishing is measured in “Square Meter”. The Membrane Insulation Barrier shall be quantified (and costed) separately (from the Troweled Concrete Finishing works) and be added to the membrane waterproofing Pay Item (under TS 514). Rate for this Item (i.e. Membrane Insulation Barrier on Troweled Finish Concrete) shall be of the trowel concrete finishing works only.”	Please verify that the rate for Item No. 505(2) “FF12 Floor: Membrane Insulation Barrier on Troweled Finish Concrete” includes only trowel concrete. Also, please verify what pay item will the membrane insulation barrier be included to?	<i>PIN 505(2) --- FF12 Floor: Membrane Insulation Barrier on Troweled Finish Concrete in Addendum 6 BOQ shall include both the cost of the Troweled Concrete and Membrane Insulation Barrier.</i>

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S-06	1.3b CP S-06 Vol.1A Sec4A BOQ	Item 201(4)b	Bill no. 5	Bill of Quantities - (Bill No. 5) - Drainage System and River Bank Protection		<p>Please provide type and detail for Item 201(4)b Structural Excavation for Realigned Canal including Slope Protection.(Please confirm if Permanent Slope Protection).</p> <p>If in this Item is including Permanent Slope Protection, Some area of the Realigned canal will be needed Temporary Slope Protection, (Please confirm if Temporary Slope protection will be under in this item).</p>	<p><i>For Item 201(4)b , please refer to NSRP-DWG-VIA05-DR-4000 series Rev. 21 & 21.3</i></p> <p><i>Only Temporary Slope Protection is included in this item. Temporary Slope protection will depends on the contractor's site condition assesment if vertical cutting/excavation is not possible.</i></p> <p><i>Please note PIN 201(4)b description to be revised in the latest published BOQ, to 201(4)b Structural Excavation for Realigned Canal including Temporary Slope Protection</i></p>
S-06	1.3b CP S-06 Vol.1A Sec4A BOQ	Item 201(4)a	Bill no. 5	Bill of Quantities - (Bill No. 5) - Drainage System and River Bank Protection		<p>Item 201(4)a Structural Excavation for Drainage Pipe/Channel include in Mainline.</p> <p>Some area of the Mainline Drainage Channel will be needed Temporary Slope Protection, (Please confirm if Temporary Slope protection will be under in this item). If included, what type of Slope Protection will be used)</p>	<p><i>If temporary slope protection will be needed in some area of the mainline drainage channel, it shall be included under PIN 201(4)a---Structural Excavation for Drainage Pipe/Channel include in Mainline.</i></p> <p><i>Temporary slope protection shall be applied using a slope of 1V:1.5H with geotextile or coco fabric. if there is a limited workspace a provision of vertical timber sheet piles shall be provided during the construction stage.</i></p> <p><i>Please note that the temporary slope protection shall be determined and approved by an engineer on site.</i></p>
S-06	CP S-06_02_Structural _SS_15-18			NSRP-DWG-SS15-ST-4001, SS-16-ST-4001, SS17-ST-4001,SS18-ST-4001		<p>Equipment Foundation located at Plans for Substation 15 to Substation 18. Please confirm what pay item will the Equipment Foundation be included to?</p>	<p><i>Reinforced Concrete Plinth for Outdoor Air-Cooled Condenser Unit including vibration isolation, anchor bolts shall be included on PIN 611(x)x Air Conditioning Units. Please refer to TS 600 Annex A 611.1.1 g)</i></p>
S-06				NSRP-DWG-BR215-ST-0261, 0262		<p>There appears to be some discrepancies about re-bar diameter in NSRP-DWG-BR215-ST-0261 and 0262 drawings as follows;</p> <p>NSRP-DWG-BR215-ST-0261 shows; D12-N25 in Plan and Section 5 D30-N25 in Plan and Section 4 D31-N20 in Plan and Section 4 D34-N25 in Plan and Section 4</p> <p>NSRP-DWG-BR215-ST-0262 shows; D12-N32 and D12-N25 in Section 3 D30-N20 in Section 1 D31-N16 in Section 1 D34-N20 in Section 1</p> <p>The first capital letter; D means rebar structural element denotation. N & number is bar diameter size in millimeters. Please clarify correct rebar sizes.</p>	<p><i>Reinforcement shown on NSRP-DWG-BR215-ST-0261 shall govern.</i></p> <p><i>NSRP-DWG-BR215-ST-0261 to be revised on IFC.</i></p>

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S-07	GBB 26		34 of 57	Unsuitable Material		<p>In Site clearing and grubbing specification, the removal of Soil is up to 150mmthk only. The actual location is rice field (see picture) therefore the soil is saturated with water for how many years, with this condition it is possible that there are excavation of unsuitable material.</p> <p>If in the actual site condition there shall be excavation of unsuitable materials, my understanding is the excavation of unsuitable material is consider as Variation Order.</p>	<i>Bidder is advised that remeasurement of actual excavations will be dealt with in accordance with the applicable GCC Clauses</i>
S-07	GBB 25 GBB 26 GBB 31 Addendum 6 Site Data Supplementary Information		1 of 60 6 of 57 Page 30 of 31		<p>Access to Sites The Contractor for S-06 will be required to give 24/7 access from day one of the contract to S-07 Contractor for 300+ truck movements each way per day through Villa Palao Road with extending southward</p> <p>As per Drawing, the existing PNR Railroad is not utilize as temporary access road.</p>	<p>In GBB25, CP S-06 contractor shall provide access to CPS-07 through Banlic Station Access Road from a date of the commencement of CP S-06</p> <p>In GBB26, Bidder is advised that the day one means the commencement date of CPS-07.</p> <p>1. Does this mean that the start of CPS-07 will commence after the completion of Access Road by CPS-06 2. When will be the turn over of access Road</p>	<i>Commencement date of each Contract will be subject to the award of the Contract. Proper access road shall be constructed and maintained by CPS-07.</i>
S-07	GBB14 GBB31 Addendum 6, Volume 1, 1.3b CP S-07 Vol.1A Sec.4A BOQ_Add.6_20210601		70 of 76	Detention Basin 1&2	128 (5) Fencing Chainlink at Depot	<p>In GBB 14, Chain link fence shown in NSRP-DWG-DB1-ST-4102 and NSRP-DWG-DB2-ST-4102 shall be deleted.</p> <p>In GBB 16, Chain link fence has been deleted in sheet no NSRP-DWG-DB1-4102_[21.2] and NSRP-DWG-DB2-4102_[21.2].</p> <p>Please confirm that GBB 31 BOQ Addendum 6 shall govern. If Yes, please provide shop drawing of chain link fence.</p>	<i>The drawings in GBB 16 will govern. Chain link fence has been deleted in sheet no NSRP-DWG-DB1-4102_[21.2] and NSRP-DWG-DB2-4102_[21.2]. BoQ PIN 128(5)---Fencing Chain link at Depot to be deleted in the latest published BOQ.</i>
S-07	GBB31 Addendum 6, Volume 1, 1.3b CP S-07 Vol.1A Sec.4A BOQ_Add.6_20210601 02_Book 2 (Architectural), 01_S07 ARCH, CP S-07_01_AR_OCC			NSRP-DWG-OCC-AR-3415 Bill No. 4-1.1 OCC Building	100mm thick CHB Wall Low Wall at Toilet areas	<p>As per GB17 and in GBB 31 BOQ Addendum 6, 412(3) CHB Wall, Non-Load Bearing, (Including Reinforcing Steel); t=100mm was deleted. as indicated in plan sheet NSRP-DWG-OCC-3415 Build up Wall at Toilet and Bath is 100mm thick CHB, H=1.20m.</p> <p>Please verify this conflict, if to follow the drawing, please provide pay item.</p>	<i>Bidder to refer to the latest published BOQ that includes a pay items for 100mm thick CHB Wall, Non-Load Bearing, (Including Reinforcing Steel)</i>
S-07	GBB31 Addendum 6, Volume 1, 1.3b CP S-07 Vol.1A Sec.4A BOQ_Add.6_20210601 02_Book 2 (Architectural), 01_S07 ARCH, CP S-07_02_AR_LRS			NSRP-DWG-LRS-AR-3411 Bill No. 4-1.2 Light Repair Shop	100mm thick CHB Wall	<p>In GBB 31 BOQ Addendum 6, 100mmthk CHB Wall is deleted. As per drawing sheet no NSRP-DWG-LRS-AR-3411, there shall be 100mm thk CHB as built-up walls in toilets.</p> <p>Please verify this conflict, if to follow the drawing, please provide pay item.</p>	<i>Bidder is refered to the latest published BOQ, that includes a pay items for 100mm thick and 150mm thick CHB Wall, Non-Load Bearing, (Including Reinforcing Steel)</i>

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S-07	GBB30 Addendum 5, Volume 1, 1.3b CP S-07 Vol.1A Sec.4A BOQ_Add.5_202 10518 Rev1			Bill No. 4-2.3 Catenary Maintenance Vehicle Shop	100mm thk CHB for built up wall	In GBB30, item 412(3) CHB Wall, Non-Load Bearing, (Including Reinforcing Steel); t=100mm, was revised to 412(4) CHB Wall, Non-Load Bearing, (Including Reinforcing Steel); t=150mm. As indicated in plan sheet NO. NSRP-DWG-DEP-AR-3513, Built-up Wall in Toilet shall be 100mm thk CHB. Please verify this conflict, if to follow the drawing, please provide pay item.	Bidder to refer the latest published BOQ, that includes a pay items for 100mm thick CHB Wall, Non-Load Bearing, (Including Reinforcing Steel)
S-07	Volume 2, Section 6, IC, SCRP TS 500		TS 500 -210 TS 500 -214 TS 500 -218	TS 519 Intumescent Fireproofing TS 519.1.9 Product TS 519.1.19 Testing/Certification/Listings TS 519.1.31 Performance Requirements	General Type: A single pack, solvent based intumescent coating for fire protection of structural steel Description: A decorative thin film intumescent coating designed for the fire protection of steelwork for two to four(2-4) hour ratings. Features: Thin Film Coating UL/ULC Listed, UL 1709- rated Wet film Thickness: 1.14mm per coat Dry film Thickness: 0.8mm per coat Solids Content: by Volume 67% Underwriters Laboratories Inc: Intumescent Paint has been tested in accordance with ASTM E-119(UL263) and UL 1709 at Underwriter's Laboratories, Inc. Intumescent paint is listed by UL and ULC. UL 1709: XR623 3) Fire Resistance Design: Indicated in Drawings Tested according to ASTM E 119 or UL 263. The Contractor shall use UL 1709 or ASTM E 1529 test method, with testing by a qualified testing agency.	As per GBB 25, it is stated that 1.b) Please refer to TS 519 and 2) it is confirmed that UL263 for testing method is acceptable as stipulated in TS 519.1.19. Please take note that it should also pass the UL 1709 testing as these are two (2) separate test/conditions. Query: 1. Please verify conflict as per Table in section 519.1.9, it states that the features is UL 1709 rated (Hydrocarbon,plural pack,thick film) while the generic description indicates single pack thin film categorized to UL 263 (Cellulosic Intumescent paint). 2. It is our understanding that UL 1709 testing method is used for Petrochemical. Since, this is not for petrochemical, Can you consider UL 263 Testing method only. 3. Can the British standard of testing (BS 476) be acceptable as an equivalent.	1. Table 519.1.9 Refer to A single pack, solvent based intumescent coating for fire protection of structural steel. And should be UL-1709- rated. Cellulosic and Hydrocarcon are type of combustible material or fuel. It is confirmed that UL-263 for testing is acceptable as stipulated in TS 519.1.19. 2. UL-1709 - The standard for rapid rise of temperature test of protection of materials for structural steel. UL-263- These fire tests are applicable to assemblies of masonry units and to composite assemblies of structural materials for buildings, including bearing and other walls and partitions, columns, girders, beams, slabs, and composite slab and beam assemblies for floors and roofs. They are also applicable to other assemblies and structural units that constitute permanent integral parts of a finished building. 3. BS 476- Not in specification.
S-07	GBB31 Addendum 6, Volume 1, 1.3b CP S-07 Vol.1A Sec.4A BOQ_Add.6_202 10601		NSRP-DWG-CMV-AR-3501 rev 21.3	BILL No. 4-2.3 Catenary Maintenance Vehicle	As per Addendum 4 , Wall Patition 1 have Asphalt Waterproofing up to H=1800mm (Toilet Part Only)	As per BOQ Addendum 6, the Pay item D514(3) Asphalt waterproofing was deleted. Please provide pay item for Asphalt Waterproofing for Toilet.	Detail 1 as shown in drawing NSRP-DWG-CMV-AR-3501, rev. 21.3 is not applicable in any area in CMV. No Asphalt waterproofing is required in the drawings. Waterproofing for Toilet will be PIN D514(1) --- Flexible Cementitious Type Waterproofing (Floor & Wall)
S-07	GBB31 Addendum 6, Volume 1, 1.3b CP S-07 Vol.1A Sec.4A BOQ_Add.6_202 10601			BILL No. 4-2.1 Light Repair Shop	Metal Works BOQ D506(5)e - Access Steel Stairs at Grid - 23 - rise over all is 2.1m - 4 units.	Please verify if Access Steel Stair at Grid 23 is part of the following items: BOQ 408(1) Structural Steel, Furnished, Fabricated and Erected BOQ D506(7)d Stainless Steel Railing for Maintenance Stairs(Furnished, Fabricated & Installed) BOQ D506(3)b - Stainless Steel Gratings for Maintenance Stair	No. Access Steel Stairs at Grid 23 is PIN D506(5)e --- Access Steel Stairs at Grid - 23 - rise over all is 2.1m, and are not included in any other pay items mentioned.

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S-07	GBB 25		Page 46 of 60		Pedestrian Shed Catch Basin	As per GBB 25 response to query, Catch basin are already included in the BOQ, Bill No.5, Part C Drainage Works. 1. Please verify which pay item in Bill 5 Part C the catch basin for pedestrian shed included. 2. Please provide payitem for 325 x 350mm Catch Basin with 9mm Stainless Steel Grating	Catch Basin for Pedestrian Shed is already included in Addendum 6 BOQ Bill No. 4-2.17, PIN D607(7)a 325mm x 350mm Catch Basin with 9mm stainless steel.
S-07	Volume 2, 02_Book 2 (Architectural), 01_S07 ARCH, CP S-07_00_AR_DEP		NSRP-DWG-DEP-AR-3522		Flagpole Pedestal	600x600mm Granite Stone Finish is indicated in Flagpole pedestal. 1. Please provide pay item for 600x600mm Granite Stone Finish 2. Please provide thickness of 600x600mm Granite Stone	1) 600 x 600mm Granite stone - refer to pay item D536(2) 2) Used 30mm Thickness for 600x600mm Granite Stone Finish for Flagpole pedestal
S-07	GBB31 Addendum 6, Volume 1, 1.3b CP S-07 Vol.1A Sec.4A BOQ_Add.6_202 10601 Volume 2, 02_Book 1 (Civil), 02_CP S-07_Roads		NSRP-DWG-DEP-RD-1855	BILL No. 3, DEPOT UNDERPASS	Depot Traffic Signs	As per GBB 31 Addendum 6, BOQ 129(1)c Warning Signs, W9-1A Size 1200mm x 800mm including Post and Base while in sheet DEP-RD-1855 it is 1500mm x 600mm Please verify conflict between BOQ (1200mm x 800mm) and drawing (1500mmL x 600mmH).	Dimensions on NSRP-DWG-DEP-RD-1855, rev 21 shall govern. Pay item 129(1)c description to be revised in the latest published BOQ.
S-07	Volume 2, 02 Book 2 (Architectural), 02_S07 STRUC, CP S-07_27_DSP_AR	1. 200mm x 200mm RC Column for fence 2. Zocalo Wall	NSRP-DWG-DSP-AR-3502	Depot Sectioning Post Architectural		1. Please provide structural detail for the 200 x 200 RC Column reflected on Typical Fence Detail 2. Please provide details for zocalo wall, e.g. footing, reinforcement. 3. Please confirm that the concreting works (e.g. RC columns, zocalo walls) shall be included in Part C.1 Structural works pay item .	1) Please refer to NSRP-DWG-DSP-ST-4312 to be added in IFC set of Drawings. 2) Please refer to NSRP-DWG-DSP-ST-4312 to be added in IFC set of Drawings. 3) Yes, the structural concrete/rebar works for the Fence are included in pay items under Part C.1 of Addendum 6 BOQ Bill No. 6.1, as applicable (i.e. columns under PIN 405(3)b, zocalo walls under PIN 405(8)b, etc)
S-07	GBB31 Addendum 6, Volume 1, 1.3b CP S-07 Vol.1A Sec.4A BOQ_Add.6_202 10601	BOQ D506(4)a Steel Checkered Plate for Duct Pit - 50 sq.m.		Bill No. 6-1 Depot Sectioning Post		Please specify location of steel checkered plate for duct pit.	Please refer to cable pit as shown in drawing NSRP-DWG-DSP-AR-3101, rev. 21.2

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S-07	Bid Documents, Volume 2, 02_Book 2 (Architectural), 01_S07 ARCH, CP S-07_23_AR_CNT	Kitchen Blow-Up Plan and Details	NSRP-DWG-CNT-AR-3421	Canteen		<p>There are kitchen equipment indicated in plan, however there are other equipment that was not included in the list.</p> <p>As per GBB 11 Addendum 1, BOQ D511(2) Kitchen Equipment for canteen was deleted and was replaced by an itemized pay item for the kitchen equipment.</p> <p>QUERY: Please provide pay item for the following: 1. W=600mm Tables for Storage and Food Stuff 2. W=800mm L=2000mm Tables for Serving Preparations 3. Overhead Shelves 4. Return Shelves 5. Waste Bin 6. Serving Counter 7. Dish/Cup Shelves (Under) 8. Griller</p>	<p><i>Pay items for the following to be included in the latest published BOQ:</i></p> <ol style="list-style-type: none"> <i>1. W=600mm Tables for Storage and Food Stuff</i> <i>2. W=800mm L=2000mm Tables for Serving Preparations</i> <i>3. Overhead Shelves</i> <i>4. Return Shelves</i> <i>5. Waste Bin</i> <i>6. Serving Counter</i> <i>7. Dish/Cup Shelves (Under)</i> <i>8. Griller</i>
S-07	GBB 30 GBB31 Addendum 6, Volume 1, 1.3b CP S-07 Vol.1A Sec.4A BOQ_Add.6_202 10601		NSRP-DWG-DEP-DR-2020 [21.3]	Ballasted Track Drainage Setting Out Points Schedule 3 Bill No. 5 Drainage		<p>1. Please clarify the type of manhole. As per GBB 30 Add 5, Schedule NSRP-DWG-DEP-DR-2020 [21.3], the type was revised from Type F to Type D. CB-03-03-05 CB-03-03-04 CB-03-03-03 CB-03-03-02 CB-03-03-01</p> <p>2. As per GBB 31 BOQ Add 6, the above manhole is under 111(6)f Manhole/ Catch Basin, TYPE F (for 1.4m X 1.1m~1.5m RCBC).</p> <p>Which shall be govern Type D or Type F.</p>	<p><i>Type D shall govern base from NSRP-DWG-DEP-DR-2020 [21.3].</i></p> <p><i>Bidder is refered to the latest published BOQ.</i></p>
S-07	GBB30 - Addendum 5 GBB31 Addendum 6, Volume 1, 1.3b CP S-07 Vol.1A Sec.4A BOQ_Add.6_202 10601	CB-01-07	NSRP-DWG-DEP-DR-2015 [21.3]	Road Drainage Setting Out Points Schedule Sheet 1 Bill No. 5 Drainage		<p>As per GBB 30 schedule, the type of manhole (still the same from original) was clouded and called out as [21.3] but there is no changes in manhole type.</p> <p>As per GBB 31 Add 5, Type I 111(1)ao Manhole/ Catch Basin, TYPE J (for 250mmØ RCPC) I (for 1.2m X 1.1m~1.5m RCBC) was deleted.</p> <p>As per our understanding, this is to be revised into Type A 111(1)o Manhole/ Catch Basin, TYPE A (for 1.2m X 1.1m~1.5m RCBC) as per GBB 30. Please confirm</p>	<p><i>CB-01-07 shall be Type A. NSRP-DWG-DEP-DR-2015 [21.3] to be revised and amended in IFC Drawings.</i></p> <p><i>CB-01-07 in BOQ is type A, no need to revise</i></p>
S-07	GBB17 GBB31 Addendum 6, Volume 1, 1.3b CP S-07 Vol.1A Sec.4A BOQ_Add.6_202 10601	BOQ 206(17) Concrete Topping for Detention Basin	12 of 43	BOQ No. 5 Detention Basin 1&2 Concrete Works		<p>In GBB 17, pay item no. and description 206(17) Concrete Topping for Detention Basin shall be included.</p> <p>In GBB 31 add 6, pay item 206(17) is not indicated. Is the volume of concrete topping included in pay item 206(6)e Structural Cast in Situ Concrete, 40 MPa for Detention Basin</p>	<p><i>PIN 206(17)--Concrete Topping for Detention Basin was added in the latest published BOQ.</i></p>

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S-07	GBB16 GBB31 Addendum 6, Volume 1, 1.3b CP S-07 Vol.1A Sec.4A BOQ_Add.6_202 10601		Page 58 of 93		OCC Vertical Garden Wall	As per GBB 16 and GBB 30 (addendum 5) response to query, item 1. That is same item, to be updated as NSRP-DWG-DEP-AR-3222 Rev 21.3. and item 2. BOQ to revised and issued in Addendum 3	<i>For clarity please refer to updated BoQ issued Addendum 6.</i>
S-07	GBB31 Addendum 6, Volume 1, 1.3b CP S-07 Vol.1A Sec.4A BOQ_Add.6_202 10601 Volume 2, 02_Book 2 (Architectural), 02_S07 STRUC, CP S-07_18_BPS_ST	BOQ 405(16)a T=100mm Blinding Concrete (Lean Concrete), 15 MPa including T= 200mm Hard Core - 12.00cum	NSRP-DWG-BPS-ST-4101	Bill No. 4-2.17 Bicycle Parking Shed, Bill No. 4-2.18 Motorbike Parking Shed		In GBB 31 BOQ addendum 6, BOQ 405(16)a item description, thickness of blinding concrete is 100mm and hardcore is 200mm Please verify conflict in thickness of lean concrete and gravel base reflected on drawing. Which shall govern	<i>For thickness of lean concrete and gravel bed, please follow structural drawings. Bidder to refer to the latest published BOQ.</i>
S-07	GBB31 Addendum 6, Volume 1, 1.3b CP S-07 Vol.1A Sec.4A BOQ_Add.6_202 10601		NSRP-DWG-WPH1 ST-4321	BILL OF QUANTITIES No. 4-2.12 Fire Water Tank 1 and 2	BOQ 405(16)a : T=100mm Blinding Concrete (Lean Concrete), 15 MPa including T= 200mm Hard Core As per Drawing:	In GBB 31 BOQ addendum 6, , BOQ 405(16)a item description, thickness of blinding concrete is 100mm and hardcore is 200mm Please verify conflict in thickness of lean concrete and gravel base reflected on drawing. Which shall govern	<i>For thickness of lean concrete and gravel bed, please follow structural drawings. Bidder to refer to the latest published BOQ.</i>
S-07	GBB31 Addendum 6, Volume 1, 1.3b CP S-07 Vol.1A Sec.4A BOQ_Add.6_202 10601 Volume 2, 02_Book 2 (Architectural), 02_S07 STRUC, CP S-07_18_BPS_ST			BILL OF QUANTITIES No. 4-2.11 Distribution Board Space 1	BOQ 405(16)a T=100mm Blinding Concrete (Lean Concrete), 15 MPa including T= 200mm Hard Core - 12.00cum	In GBB 31 BOQ addendum 6, BOQ 405(16)a item description, thickness of blinding concrete is 100mm and hardcore is 200mm Please verify conflict in thickness of lean concrete and gravel base reflected on drawing. Which shall govern	<i>For thickness of lean concrete and gravel bed, please follow structural drawings. Bidder to refer to the latest published BOQ.</i>

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S-07	GBB31 Addendum 6, Volume 1, 1.3b CP S-07 Vol.1A Sec.4A BOQ_Add.6_202 10601 Volume 2, 02_Book 2 (Architectural), 02_S07 STRUC, CP S- 07_18_FPH1_ST		NSRP-DWG-FPH1- ST-4101	BILL OF QUANTITIES No. 4-2.4 Fuel Pump House 1	BOQ 405(16)a T=100mm Blinding Concrete (Lean Concrete), 15 MPa including T= 200mm Hard Core - 2.00cum	In GBB 31 BOQ addendum 6, BOQ 405(16)a item description, thickness of blinding concrete is 100mm and hardcore is 200mm Please verify conflict in thickness of lean concrete and gravel base reflected on drawing. Which shall govern	<i>The correct thickness for lean concrete and gravel base are 50mm and 150mm, respectively, as shown in drawing NSRP-DWG-FPH1-ST-4111, rev. 21.1</i> <i>Bidder to refer to the latest published BOQ.</i>
S-07	GBB17 GBB31 Addendum 6, Volume 1, 1.3b CP S-07 Vol.1A Sec.4A BOQ_Add.6_202 10601		NSRP-DWG-SH1- ST-4101 Page 10 of 43	BILL OF QUANTITIES No. 4-2.16 Security House 1	BOQ 405(16a) T=100mm Blinding Concrete (Lean Concrete), 15 MPa including T= 200mm Hard Core	As per GBB 17, BOQ 405(16)a - Blinding Concrete (Lean Concrete), 15 MPa including T= 150mm Compacted Gravel Base. As per addendum 6, BOQ 405(16)a item description, thickness of blinding concrete is 100mm and hardcore is 200mm Please verify conflict in thickness of lean concrete and gravel base. Which shall govern	<i>The correct thickness for lean concrete and gravel base are 50mm and 150mm, respectively, as shown in drawing NSRP-DWG-SH1-ST-4101, rev. 21.1</i> <i>Bidder to refer to the latest published BOQ.</i>
S-07	GBB31 Addendum 6, Volume 1, 1.3b CP S-07 Vol.1A Sec.4A BOQ_Add.6_202 10601			BILL OF QUANTITIES No. 4-2.6 Hazardous Store	BOQ 405(16)a T=100mm Blinding Concrete (Lean Concrete), 15 MPa including T= 200mm Hard Core	In GBB 31 BOQ addendum 6, BOQ 405(16)a item description, thickness of blinding concrete is 100mm and hardcore is 200mm Please verify conflict in thickness of lean concrete and gravel base reflected on drawing. Which shall govern	<i>The correct thickness for lean concrete and gravel base are 50mm and 150mm, respectively, as shown in drawing NSRP-DWG-DHS-ST-4111, rev. 21.1</i> <i>Bidder to refer to the latest published BOQ.</i>
S-07	GBB31 Addendum 6, Volume 1, 1.3b CP S-07 Vol.1A Sec.4A BOQ_Add.6_202 10601			BILL OF QUANTITIES No. 4-2.7 LRS Garbage Shed	BOQ 405(16)a T=100mm Blinding Concrete (Lean Concrete), 15 MPa including T= 200mm Hard Core	In GBB 31 BOQ addendum 6, BOQ 405(16)a item description, thickness of blinding concrete is 100mm and hardcore is 200mm Please verify conflict in thickness of lean concrete and gravel base reflected on drawing. Which shall govern	<i>The correct thickness for lean concrete and gravel base are 50mm and 150mm, respectively, as shown in drawing NSRP-DWG-LGS-ST-4101, rev. 21.1</i> <i>Bidder to refer to the latest published BOQ.</i>
S-07	GBB31 Addendum 6, Volume 1, 1.3b CP S-07 Vol.1A Sec.4A BOQ_Add.6_202 10601			Bill items	BOQ 405(16)a T=100mm Blinding Concrete (Lean Concrete), 15 MPa including T= 200mm Hard Core	It is our understanding that the quantities of the Blinding Concrete (Lean Concrete) in tem 405(16)a include only concrete. The underlying layers are considered incidental to the work. Please confirm.	<i>The underlying material in blinding Concrete (Lean Concrete) for pay item 405(16)a are considered incidental items to the work.</i>

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S-07	<p>GBB 25</p> <p>GBB 28 - Addendum 5, Volume 2, Book 2(Archi Drawings) , 1_Architecture, CP S-07_13-14-AR_WPH1</p> <p>GBB 28 - Addendum 5, Volume 2, Book 2(Archi Drawings) , 1_Architecture, CP S-07_13-14-AR_WPH2</p>	Internal Waterproofing - Crystalline Admixture Cementitious Waterproofing	<p>Page 32 of 60</p> <p>NSRP-DWG-WPH1-AR-3202_[21.3]</p> <p>NSRP-DWG-WPH1-AR-3202_[21.3]</p>	<p>Supply and Fire Water Tank 1</p> <p>Supply and Fire Water Tank 2</p>		<p>In GBB 25, There are waterproofing for both exterior and interior:</p> <p>1) The Technical specifications of the Exterior waterproofing are on TS400 section 405.4.6</p> <p>2) For interior waterproofing, refer to NSRP-DWG-WPH1-AR-3202 Rev21.3 in Addendum 5</p> <p>As per GBB 28, Crystalline Admixture Cementitious Waterproofing is indicated in plan.</p> <p>Please provide pay item.</p>	<i>Bidder to refer to the latest published BOQ were item Nos. 4-2.12 and 4-2.14 was updated to include pay item for Crystalline Admixture Cementitious Waterproofing as shown in drawing NSRP-DWG-WPH1-AR-3202, rev. 21.3.</i>
S-07	<p>GBB 28 - Addendum 3, Volume 2, Book 2(Archi Drawings) , 1_Architecture, CP S-07_02-AR_LRS</p>		NSRP-DWG-LRS-AR-3582	Light Repair Shop	RC Pit with Waterproofing Admixture	<p>As per GBB 28, RC Pit with Waterproofing Admixture is indicated in plan.</p> <p>Please provide pay item.</p>	<i>Waterproofing Admixture is included in PINs 405(7)b and 405(8)b, as applicable, in accordance to the provisions of SCRP_TS 400_Annex A, Section 405.1.2</i>
S-07	GBB26		40 of 57	<p>Water Pump House 1</p> <p>Water Pump House 2</p>		<p>In GBB26, 1) For Manhole cover and ladder rung Please refer to drawing no. NSRP-DWG-DEP-PL-3006 REV 21.3 and 2)The BOQ shall be revised to include work items for the Manhole Cover and Ladder Rung. Updated / revised BOQ shall be issued as Addendum 4.</p> <p>Query: Please provide pay item for Manhole Cover and Ladder Rung since it was not provided in Addendum 4, 5 or 6.</p>	<i>Bidder to refer to the latest published BOQ that includes pay items for Manhole Cover and Ladder Rung, under Bill Nos. 4-2.12 and 4-2.14 (FWT1/FWT2), and not in Bill Nos. 4-2.13 and 4-2.15 (WPH1/WPH2)</i>
S-07	<p>GBB14</p> <p>GBB17</p>	Steel Checkered Plate for Trench Pit	<p>52 of 76</p> <p>42 of 43</p>	Light Repair Shop		<p>As per GBB14, bidder was referred to sheet NSRP-DWG-LRS-AR-3402 for Steel Checkered Plate for Trench Pit details while in GB17, it was on sheet NSRP-DWG-LRS-AR-3581.</p> <p>Query: Cable trench location is not reflected in LRS-AR-3402, Please verify if the steel checkered plate is for Cable Trench pit cover.</p>	<i>Confirmed, steel checkered plate is for Cable Trench</i>
S-07	<p>GBB 28 - Addendum 3, Volume 2, Book 2(Archi Drawings) , 1_Architecture, CP S-07_02-AR_LRS</p>	RC Pit with Waterproofing Admixture	NSRP-DWG-LRS-AR-3582	Light Repair Shop		<p>As per GBB 28, RC Pit with Waterproofing Admixture is indicated in plan.</p> <p>Query: It is our understanding that this is part of Structural Concrete. Please verify which pay item is this included.</p>	<i>Waterproofing Admixture is included in PINs 405(7)b and 405(8)b, as applicable, in accordance to the provisions of SCRP_TS 400_Annex A, Section 405.1.2</i>

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S-07	<p>GBB17</p> <p>GBB 30 - Addendum 5, Volume 2-20210601T025907Z-001, Volume 2, 02_Book 2 (Archi Drawings), 1_Architecture, CP S-07_17_AR_SH1, NSRP-DWG-SH1</p> <p>GBB31 Addendum 6, Volume 1, 1.3b CP S-07 Vol.1A Sec.4A BOQ_Add.6_20210601</p>		Page 26 of 43 NSRP-DWG-SH1-AR-3504 rev 21.3	BILL No. 4-2.16 Security House 1	As per GBB17	<p>As per GBB 28 -Addendum 5, Wall details are</p> <p>Query: Please provide location of the following pay items: BOQ D541(1) Single Wall 2 x 12mm Thk. Gypsum Board and Rockwool Insulation on Standard Metal Framing BOQ D541(2) Double Wall 2 x 12mm Thk. Gypsum Board and Rockwool Insulation on Standard Metal Framing</p>	<p><i>For Addendum 6 BOQ, locations are as follows:</i></p> <p><i>PIN D541(1) --- Single Wall 2 x 12mm Thk. Gypsum Board and Rockwool Insulation on Standard Metal Framing --- at Interior Side of the SH1 Exterior Walls and at the Exterior Side of the Internal Partition Walls for the Toilet</i></p> <p><i>PIN D541(2) --- Double Wall 2 x 12mm Thk. Gypsum Board and Rockwool Insulation on Standard Metal Framing --- at the Internal Partition Walls between GL B - C</i></p> <p><i>There are 2 wall type only, W1 and W2 refer to NSRP-DWG-SH1-AR-3504 rev21.3</i></p>
S-07	<p>Bid Documents, Volume 2, 02_Book 2 (Architectural), 01_S07 ARCH, CP S-07_05_AR_CMV</p>	Roofing material	NSRP-DWG-CMV-AR-3301	Catenary Maintenance Vehicle		<p>Please provide details and pay item for the roofing material of the extended portion in workspace area as illustrated below.</p>	<p><i>Pay item for Roofing in the Workspace Area is PIN D513(1) --- Pre-painted Insulated Roof Panels with PIR Insulation</i></p> <p><i>Extended area as shown in Section 5 of drawing NSRP-DWG-CMV-AR-3301 is the Workspace's acoustic ceiling as can be seen in the RCP in the same drawing sheet.</i></p>
S-07	<p>GBB28 Addendum 3, Volume 2, 02_Book 2 (Architectural), 1_Architecture, CP S-07_05_AR_CMV</p> <p>GBB28 Addendum 3, Volume 2, 02_Book 2 (Architectural), 1_Architecture, CP S-07_05_AR_TMO</p>	<p>BOQ D541(1) Single Wall 2 x 12mm Thk. Gypsum Board and Rockwool Insulation on Standard Metal Framing</p>	<p>NSRP-DWG-CMV-AR-3501 rev 21.3</p> <p>NSRP-DWG-TMO-AR-3501 rev 21.3</p>	<p>Catenary Maintenance Vehicle</p> <p>Track Maintenance Office</p>		<p>Please confirm our understanding that the wall material shown below is the D541(1) Single Wall 2 x 12mm Thk. Gypsum Board and Rockwool Insulation on Standard Metal Framing. Otherwise, please provide details and pay item.</p>	<p><i>Yes, we confirm that the Bidder's understanding in the illustration is correct. Highlighted section is PIN D541(1) --- Single Wall 2 x 12mm Thk. Gypsum Board and Rockwool Insulation on Standard Metal Framing --- in Addendum 6 BOQ, in accordance to NSRP-DWG-CMV-AR-3601, rev. 21.3</i></p>

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S-07	GBB31 Addendum 6, Volume 1, 1.3b CP S-07 Vol.1A Sec.4A BOQ_Add.6_202 10601			BILL No. 4-1.1 OCC Building		It is our understanding that item D522(2) location is at Roof deck, please confirm.	Yes, D522(2) --- Ceiling: 4mm Thk. Nano Finish Aluminium Composite Material on Metal Frames with Ceiling Trim in Bill 4-1.1 of Addendum 6 BOQ is as shown in drawing NSRP-DWG-OCC-AR-3503, rev. 21
S-07	GBB 18 GBB31 Addendum 6, Volume 1, 1.3b CP S-07 Vol.1A Sec.4A BOQ_Add.6_202 10601		42 of 51	OCC Building Bill 4.1.1 OCC	Non-Slip Nosing: Non-Slip nosing shall be of stainless steel or aluminum with tire, the color shall be selected by the Engineer. Non-Slip nosing sizes shall be as shown on the Drawings. BOQ D534(1) Cast Iron Abrasive Nosing	As per GBB18, Non-Slip Nosing: Non-Slip nosing shall be of stainless steel or aluminum with rubber. In GBB 31 BOQ Addendum 6 Nosing is Cast Iron Abrasive Nosing. Which shall govern for non-slip nosing, Stainless or Cast Iron.	Addendum 6 BOQ description for PIN D534(1) is correct. Nosing shall be Cast Iron Abrasive type based on drawings NSRP-DWG-OCC-AR-3431, rev. 21, and NSRP-DWG-OCC-AR-3439, rev. 21.3
S-07	GBB31 Addendum 6, Volume 1, 1.3b CP S-07 Vol.1A Sec.4A BOQ_Add.6_202 10601			BILL OF QUANTITIES No. 4-2.5 LRS Oil Storage BILL OF QUANTITIES No. 4-2.6 Hazardous Store	BOQ D502(1) T=50mm, Plain Cement Troweled Finish with Hardener BOQ D502(3)d T=200mm, Tampered Concrete Including Wire Mesh with Hardener	Please provide the locations of the following pay items: 1. D502(1) T=50mm, Plain Cement Troweled Finish with Hardener 2. D502(3)d T=200mm, Tampered Concrete Including Wire Mesh with Hardener	Details/locations for PINs D502(1) and D502(3)d in Addendum 6 BOQ Bill Nos. 4-2.5 and 4-2.6 are as follows: PIN D502(1) --- T=50mm, Plain Cement Troweled Finish with Hardener --- NONE. PIN D502(3)d --- T=200mm, Tampered Concrete Including Wire Mesh with Hardener --- location is the same as (i.e.under) PIN D505(1).
S-07	GBB 16 GBB 26		page 34 of 93 Page 37 of 57	Water Pump House 1 and 2 Trench Drain	As per GBB 16,Trench Drain quantities shall be included in BOQ item 405(7)b for structural concrete and pay item 403(1) for reinforcement AS per GBB 26, The Trench Drain Quantities shall be included in the revised boq item 405(11)b and Reinforcement for trench drain is included in Item 403(1) to be issued in addendum 4.	Please clarify which pay item will prevail for Trench Drain concrete pay item, 405(7)b or 405(11)b? There is no pay item 405(11)b in GBB 31 BOQ Addendum 6. Please provide pay item.	Concrete for Trench Drains under S-07 Addendum 6 BOQ shall be under PIN 405(11)b --- Structural Concrete, Class "AAA" (31 Mpa) for Trench Drains
S-07	GBB 26 Volume 2, 02 Book 2 (Architectural), 01 S07 Arch,CP S-07_00_AR_DEP		Page 37 of 57 NSRP-DWG-DEP-AR-3513	Water Pump House 1 and 2 Trench Drain		As per GBB 26, we refer to drawing no. NSRP-DWG-DEP-AR-3513 Rev21 for trench details 1. Please provide structural/reinforcement details 2. Please provide concrete dimension of trench drain.	For the trench details,refer to NSRP-DWG-STA-SN-8011 to be amended under IFC.

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S-07	GBB31 Addendum 6, Volume 1, 1.3b CP S-07 Vol.1A Sec.4A BOQ_Add.6_202 10601		NSRP-DWG-DEP-AR-3513 rev 21	Trench Drain	BOQ 405(11)b Structural Concrete, Class "AAA" (31 Mpa) for Trench Drains	<p>Please provide pay item "405(11)b Structural Concrete, Class "AAA" (31 Mpa) for Exterior Trench Drains" of the following structures:</p> <p>OCC Building Catenary Maintenance Vehicle Shop Fuel Pump House 1 Oil Storage For Light Repair Shop Hazardous Store Truck Garage Building Maintenance Car Shop Distribution Board Space 1 Pump House For Fire Water Tank 1 Pump House For Fire Water Tank 2 Canteen Depot Sectioning Post Car Parking Shed</p>	<i>PIN 405(11)b Structural Concrete, Class "AAA" (31 Mpa) for Trench Drains was added in the latest published BOQ.</i>
S-07	Addendum 3, Volume 2, 02_Book 2 (Architectural), 1_Architecture, CP S-07_23_AR_CNT	Furniture	NSRP-DWG-CNT-AR-3851_[21.3]	Canteen Building		<p>As per Addendum 3, 22 sets of dining table are of the same size (2700mm x 1000mm). But as illustrated in plan, two types of dining table is shown, 8-seater and 10-seater.</p> <p>Please verify which shall govern.</p>	<i>Yes there are 2 types of dining table (the 6 seater is 750mmx2100mm)refer furniture layout plan NSRP-DWG-CNT-AR-3851 as rev. 21.3</i>
S-07	GBB31 Addendum 6, Volume 1, 1.3b CP S-07 Vol.1A Sec.4A BOQ_Add.6_202 10601 Bid Documents, Volume 2, 01_Specifications, 02_TS, SCRP_TS 500		<p>PART C.2 Architectural Works NSCR-DWG-OCC-AR-3502</p> <p>TS 500 - 105</p> <p>TS 500 - 274</p> <p>TS-500– Annex A - 33</p>	<p>OCC Roofing Works</p> <p>TS 506 Metal Fabrication</p> <p>TS 527 Metal Louvers</p> <p>TS 527 Annex Metal Louver</p>	<p>For OCC BOQ D506(1) - W=1600mm Stainless Steel Sun Shade Louver</p> <p>TS 506.2.1 Scope This specification covers the furnishing of materials and labor including equipment necessary to complete the installation of handrails and railings as shown on the Drawings and as specified herein.</p> <p>TS 527.2.2 Materials TS 527.2.2.2 Aluminum References are JIS H4100, Aluminum and Aluminum-alloy Extruded Shapes; and JIS A5757 & 5758 or equivalent ASTM, Sealant. Extruded sections must meet ASTM B429, G102, alloy as specified</p> <p>TS Annex 527.1 Method of Measurement TS Annex 527.1.2 Horizontal Steel Sun Shade Grill with vertical posts for Training Center in Depot Area is measured in "Square Meter" and rate shall be included painting finish. Refer to the Drawing for configuration of grill.</p> <p>Drawing Detail</p>	<p>1. Please verify the specification for Metal Louver 1.a) per BOQ D506(1) = TS 506 Metal Fabrication (Stainless Steel) 1.b) per TS 527 Metal Louver (Aluminum)</p> <p>2. If item 1.b will govern, please confirm that material is Aluminum.</p>	<p><i>(Stainless Steel)will govern, refer to NSRP-DWG-OCC-AR-3502 issued as rev21</i></p> <p><i>BOQ reference for PIN D506(1) - W=1600mm Stainless Steel Sun Shade Louver is NSRP-DWG-OCC-AR-3504, rev. 21,</i></p>

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S-07	GBB31 Addendum 6, Volume 1, 1.3b CP S-07 Vol.1A Sec.4A BOQ_Add.6_202 10601			PART C.2 Architectural Works OCC Roofing and Soffit	BOQ D528(2) T=10+10mm Laminated Tempered Glass Canopy with Safety Film, Powder Coated Aluminum Mullion Framing with Stainless Steel Gutter	Please verify that the Stainless Steel Gutter for Canopy is included in BOQ 512(4) Pre-painted Zinc-Aluminum-Magnesium (ZAM) Gutter	<i>For Addendum 6 BOQ, Stainless Steel Gutter is included in PIN D528(2) --- T=10+10mm Laminated Tempered Glass Canopy with Safety Film, Powder Coated Aluminum Mullion Framing with Stainless Steel Gutter</i>
S-07	GBB31 Addendum 6, Volume 1, 1.3b CP S-07 Vol.1A Sec.4A BOQ_Add.6_202 10601			Bill No. 2 Part F Miscellaneous Structures	BOQ D111(88)b Signaling Handhole	In GBB 17, Bidder is advised that the scope is by other (E&M). In GBB 31 Add6, payitem D111(88)b Signaling Handhole is indicated. Please verify	<i>Signaling Handhole is by other (E&M). Pay item D111(88)b was deleted in the latest published BOQ.</i>
S-07	GBB31 Addendum 6, Volume 1, 1.3b CP S-07 Vol.1A Sec.4A BOQ_Add.6_202 10601			BILL No. 4-2.20Canteen Building	BOQ D548(6) Elastomeric Water Paint (Coating for Exterior Wall/Cement Plaster) - 125sqm BOQ D547(1) High-Performance Urethane Coatings (Masonry Painting) - 128sqm	The interior Wall finish of Dining Area facing Kitchen and Toilet are Ceramic Tiles Please verify location of BOQ D548(6) and BOQ D547(1).	<i>For Addendum 6 BOQ, both pay items below shall be applied to the whole exterior face/side of all CHB masonry walls in Canteen. PIN D547(1) --- High-Performance Urethane Coatings (Masonry Painting) PIN D548(6) --- Elastomeric Water Paint (Coating for Exterior Wall/Cement Plaster)</i>
S-07	GBB31 Addendum 6, Volume 1, 1.3b CP S-07 Vol.1A Sec.4A BOQ_Add.6_202 10601 GBB 28 Addendum 3, Volume 2, 02_Book 2 (Architectural), 1_Architecture, CP S- 07_10_AR_TMO		NSRP-DWG-TMO- AR-3501 rev 21.3	Bill No. 4.2-9 Track Maintenance Office		In GBB 28 Addendum 3, Wall Patition 1 have Asphalt Waterproofing up to H=1800mm (Toilet Part Only) is indicated. In GBB 31 BOQ Addendum 6, the Pay item Asphalt waterproofing was removed. Please verify which shall govern	<i>The flexible Cementitious type waterproofing at toilet will govern in toilet, refer to pay item D514(1) BoQ issued Addendum 6.</i>
S-07	GBB 26 GBB31 Addendum 6, Volume 1, 1.3b CP S-07 Vol.1A Sec.4A BOQ_Add.6_202 10601		Page 34 of 57	Bill No. 4.2-9 Track Maintenance Office		In GBB 26, the CHB thickness in pay item 412(3) will be revised to 150 mm thk. In GBB 31 Addendum 6, pay item BOQ 412(3) is 100mm thk. Please verify	<i>Bidder to refer to Bill No. 4-2.9 revised in the latest published BOQ: TO BE DELETED --- PIN 412(3) --- CHB Wall, Non- Load Bearing, (Including Reinforcing Steel); t=100mm TO BE ADDED --- PIN 412(4) --- CHB Wall, Non-Load Bearing, (Including Reinforcing Steel); t=150mm</i>

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S-07	<p>GBB31 Addendum 6, Volume 1, 1.3b CP S-07 Vol.1A Sec.4A BOQ_Add.6_202 10601</p> <p>Bid Documents, Volume 2, 02_Book 2 (Architectural), 01_S07 ARCH, CP S-07_01_AR_OCC</p>	BOQ D554(6) 500mm x 2715mm, Counter	NSRP-DWG-OCC-AR-3566	Bill No. 4-1.1 OCC Building		<p>It is our understanding that the reception counter is as per sheet no NSRP-DWG-OCC-AR-3566. Please confirm</p> <p>If yes, please verify quantity in BOQ D554(6) the reception counter is 24 nos.</p>	Yes, the reception counter quantity is 24 nos pay item D554(6) BoQ addendum 6.
S-07	<p>GBB18</p> <p>GBB28 Addendum 3, Volume 1, 1.3b CP S-07 Vol.1A Sec.4A BOQ_Add.3_202 10331 Rev1</p> <p>GBB28 Addendum 4, Volume 1, 1.3b CP S-07 Vol.1A Sec.4A BOQ_Add.4_202 10420</p> <p>GBB30 Addendum 5, Volume 1, 1.3b CP S-07 Vol.1A Sec.4A BOQ_Add.5_202 10518 Rev1</p> <p>GBB31 Addendum 6, Volume 1, 1.3b CP S-07 Vol.1A Sec.4A BOQ_Add.6_202 10601</p>		Page 25 of 51	Bill No. 4-1.1 OCC Building	<p>BOQ D536(3) - 100x100x100mm Cube Granite Pavers</p> <p>BOQ D536(6) - 90x90x60mm Cube Granite Pavers</p>	<p>As per GBB18, 90x90x60mm Cube Granite Pavers will be deleted and be replaced by 100x100x100mm Cube Granite Pavers.</p> <p>Description was changed in BOQ Addendums 3 & 4. However, as per BOQ Addendum 5 & 6, the description was changed back to 90x90x60mm Cube Granite Pavers.</p> <p>As per drawing dimension is 100x100x100mm Cube Granite Pavers. Please verify.</p>	Bidder to refer to the latest published BOQ for the appropriate work item description in accordance to drawing no. NSRP-DWG-OCC-AR-3603 Rev21.3.
S-07	<p>GBB31 Addendum 6, Volume 1, 1.3b CP S-07 Vol.1A Sec.4A BOQ_Add.6_202 10601</p>		BILL OF QUANTITIES No. 4-2.5, 4-2.16, 4-2.17, 4-2.18, 4-2.21, and 4-3.2	LRS Oil Storage, Security House, Bicycle Parking Shed, Motorbike Parking Shed, Car Washing Track, Depot Parking Shed	BOQ D514(2) Liquid Applied Elastomeric/Polyurethane Membrane System Waterproofing	<p>Please provide waterproofing layout for the following structures:</p> <ol style="list-style-type: none"> 1. LRS Oil Storage 2. Security House 3. Bicycle Parking Shed 4. Motorbike Parking Shed 5. Car Washing Track 6. Depot Parking Shed 7. Fire Water Tank 1 & 2 	Only LRS Oil Storage, Security House and Fire Water Tank-1 & 2 will be provided with waterproofing. For specific area refer to Appendix-1 Waterproofing Matrix.

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S-07	GBB31 Addendum 6, Volume 1, 1.3b CP S-07 Vol.1A Sec.4A BOQ_Add.6_202 10601		Bill No. 4-1.1 OCC Building	Reflected Ceiling Plan	Ceiling Cove Lighting	Ceiling Cove Lighting was not reflected on drawings NSRP-DWG-OCC-AR-3811 to 3813. Please provide layout.	<i>refer to NSRP-DWG-OCC-AR-3509 for cove lighting issued as rev21</i>
S-07	Bid Documents, Volume 2, 02_Book 2 (Architectural), 01_S07 ARCH		NSRP-DWG-OCC-AR-3421 NSRP-DWG-LRS-AR-3406	OCC Building Light Repair Shop	Lactation Room	Please provide details of the counter top in Lactation Rooms.	<i>Refer to Drawings: NSRP-DWG-OCC-AR-3421 Rev 21.3 in Addendum-3; and NSRP-DWG-LRS-AR-3406 Rev21.in Bid Issue</i>
S-07	Book 2 (Architectural), 01_S07 ARCH,CP S- 07_01_AR_OCC		NSRP-DWG-OCC-AR-3651 NSRP-DWG-OCC-AR-3421	OCC Building	Lactation Room Schedule of Furnitures Lactation Room Typlan Plan Detials	Please verify conflict of furnitures in the schedule and the drawing. Which shall govern	<i>"Refer Drawing No. NSRP-DWG-OCC-AR-3421 Rev21.3 as the latest plan to be followed."</i>
S-07	Bid Documents, Volume 2, 02_Book 2 (Architectural), 01_S07 ARCH, CP S- 07_01_AR_OCC		NSRP-DWG-OCC-AR-3422	OCC Building	Pantry Table/Counter	Please provide pay item for Marine Plywood in Pantry located at 2nd to 5th Floors.	<i>PIN D510(2) --- High Impact Laminate Sheet (Counter Top) shall include all overhead and undercounter cabinets.</i>
S-07	GBB31 Addendum 6, Volume 1, 1.3b CP S-07 Vol.1A Sec.4A BOQ_Add.6_202 10601		NSRP-DWG-LRS-AR-3462	Light Repair Shop	Catwalk Maintenance Access Stairs	Please provide pay item for Steel Stairs for Catwalk Maintenance Access.	<i>Steel Stair for Catwalk Maintenance Access stair please refer to Bill 4-1.2 pay item D506(5)e Access steel stair at Grid -23 rise over all in 2.10m updated BoQ issued Addendum 6.</i>
S-07	GBB28 Addendum 3, Volume 2, 02_Book 2 (Architectural),1 Architecture, CP S- 07_01_AR_OCC	Roofing for Doghouse	NSRP-DWG-OCC-AR-3525_[21.3]	OCC Building		Please provide pay item for 0.60m thk Alzinc Steel Sheet.	<i>Bidder to refer to the latest published BOQ, Bill No. 4-1.1 updated to include pay item for 0.60mm thick Alzinc Steel Sheet for Doghouse at OCC Roofdeck, in accordance to drawing NSRP-DWG-OCC-AR-3525, rev. 21.3.</i>
S-07	Book 2 (Architectural), 01_S07 ARCH,CP S- 07_21_AR_CPS		NSRP-DWG-CPS-AR-3101 NSRP-DWG-OCC-AR-3012	Car Parking Shed		Please confirm that the following items are included in pay item at Site Development. 1. Stainless steel grating for trench drain 2. Catch Basin If not, please provide pay item	<i>No pay item for catch basin and stainless steel gratings for trench drain is included in Addendum 6 BOQ since there is none shown in drawing NSRP-DWG-CPS-AR-3101, rev. 21</i>

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S-07	Book 2 (Architectural), 01_S07 ARCH,CP S-07_01_AR_OCC	Clinic Pantry	NSRP-DWG-OCC-AR-3421-3423	OCC Building		As per plan, there is an Overhanging Cabinet and Cabinet below the Kitchen Counter. Please provide pay item for Modular Cabinet with Counter Top and Overhanging Cabinet for Clinic and Pantry.	Please refer to Bill 4-1.1 OCC Building: 1) Countertop - pay item D510(2) high impact laminated shet (countertop). 2) Overhang cabinet - pay item D554(39)
S-07	Book 2 (Architectural), 01_S07 ARCH,CP S-07_01_AR_OCC		NSRP-DWG-OCC-AR-3509	OCC Building		Please provide pay item for PNR Name and logo.	Please refer to Bill 4-1.1 OCC Building Pay Item D555(23) Typical Wall Mounted Building Name and Logo Sign issued BoQ Addendum 6.
S-07	Book 2 (Architectural), 01_S07 ARCH,CP S-07_01_AR_OCC	Braille sign	NSRP-DWG-OCC-AR-3762	OCC Building		Please provide pay item for Braille sign for Toilet.	Braille Sign added in the latest published BOQ.
S-07	Book 2 (Architectural), 04_S07 MPFS	Sump Pump	NSRP-DWG-LRS-SN-7041 NSRP-DWG-URS-SN-7041 NSRP-DWG-WRS-SN-7112	Light Repair Shop Unscheduled Repair Shop Wheel Re-profiling Shop		1. Please provide pay item for Sump Pump Manhole for LRS, WRS and URS. 2. Please provide details of Sump Pump Manhole at WRS and URS	1. Quantity for concrete for Sump Pump Manhole for LRS, WRS and URS is already included in PIN 405(7)b --- Structural Concrete, Class "AAA" (31Mpa) for Slab on Fill (At-Grade Slab) in Bill Nos. 4-1.2, 4-2.1, and 4-2.2 of Addendum 6 BOQ 2. The details were already reflected refer to NSRP-DWG-URS-SN-7041 rev. 21 dated 21 Sept 2020,for sheet NSRP-DWG-WRS-SN-7111 to be ammended under IFC
S-07	GBB31 Addendum 6, Volume 1, 1.3b CP S-07 Vol.1A Sec.4A BOQ_Add.6_20210601			Bill No. 4-2.3 Catenary Maintenance Vehicle Shop Bill No. 6-1 Depot Sectioning Post	Part F.3 Sanitary Works BOQ D607(12) Open Canal for Catenary - 116 l.m. BOQ D607(12) Open Canal for depots sectioning post - 65 l.m.	Please provide structural details for Open Canal.	Please refer to NSRP-DWG-DEP-ST-4026 to be amended under IFC set of Drawings:
S-07	Volume 2, 02_Book 1 (Civil), 02_CP S-07_Roads GBB 31 Addendum 6, Volume 1, 1.3b CP S-07 Vol.1A Sec.4A BOQ_Add.6_20210601	Parking Bay Line Details	122 of 122	Bill No. 4-2.17 - Depot Bicycle Parking Shed Bill No. 4-2.18 - Depot Motorbike Parking Shed Bill No. 4-2.19 - Depot Car Parking Shed		Please confirm our understanding that the pavement marking for Bicycle Parking Shed, Motorbike Parking Shed and Car Parking Shed is included in pay item 130(2) ReflectORIZED Thermoplastic Pavement markings (Continuous and Broken) under Bill No. 2 Earthworks/Site Development. If not, please provide pay item.	Yes, pavement markings for all parking sheds are included in pay item 130(2) issued addendum 6.

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S-04	Explanatory Notes CP S 01/02 and CP S 04 to 07 - Site Access Dates CP S-04				There are cases where the boundary of	<p>There are cases where the boundary of will-be handed over portion of alignment based on Site Access Dates document is away from existing public road and hence no direct access is available.</p> <p>For example, Batch 1 states that the boundaries will be P-479 to P-496. P-479 is about considerably away from nearest suitable public road which is Conception St. Please confirm our understanding the we can still use the PNR alignment between P-479 and Concepcion St as access in going to the area handed over albeit no construction activity will be done in this portion except enabling works for the access itself. Also, please confirm if we can adopt the same for similar cases.</p>	<i>Being subject to further coordination and agreement from the Engineer, the Contractor may use part of will-be handed over portion as the access to the Site.</i>
S-04	Explanatory Notes CP S 01/02 and CP S 04 to 07 - Site Access Dates CP S-04					Based on the site access dates tabulation, Batch 1 areas will be handed over in 2022 partially as indicated in percentages (40%, 30% and 50%). Please clarify the locations of these partial handover for site accessibility assessment.	<i>With respect to the percentages of land the Bidder is advised that the Employer shall endeavour to provide batches of land in continuous lengths. However there may, in certain situations, be constraints which prevent this.</i>
S-04	PCC 8.1 Commencement of Work; Explanatory Notes CP S 01/02 and CP S 04 to 07 - Site Access Dates CP S-04					Based on the site access dates tabulation, Batch 1 will be handed over at Commencement Date. Batch 1 first date of access is 2022-07-01. Please confirm that Commencement Date for CP S04 is set for 2022-07-01.	<i>The Bidder is referred to the tentative project implementation schedule issued in Site Data.</i>
S-04	NSRP-DWG-VIA00-ST-1500 to 1561, 1572					Please provide the widening deck details which shall include but not be limited to location, reinforcement details, pay item in BOQ.	<p><i>1). Deck widening locations, please refer to NSRP-DWG-VIA00-ST-1571 Rev 21.3. Deck widening reinforcement detail drawings to be amended and included in IFC Drawings.</i></p> <p><i>2). Please refer to Bill 3 - concrete and rebar pay item 206 and 207 to include the deck widening.</i></p>
S-04	Vol 2 NSRP-DWG-VIA00-ST1572					Please provide the missing details for impedance bond (Outside of Track)	<i>Impedance Bond (Outside of Track) + w=0.55mm ***SS is for substation. Detail not included in VIA00 set since this set only covers detail for elevated viaduct structures.</i>
S-04	Vol 2 NSRP-DWG-VIA00-ST1572					Please provide the deck widening details with 2 equipment.	<i>Please refer to the drawings VIA00-ST-1521,1551,1552 and 1561 for widening details.</i>
S-04	Vol 2 NSRP-DWG-VIA00-ST-1500-1561					Please confirm any PT requirements for the transverse direction for the deck widening section. If yes, what will be the requirements?	<i>PT not required at transverse direction.</i>

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S-04	Vol 1 BOQ 229(1) Bill no. 3					Please specify the item "All appropriate noise reduction measures along the entire ROW"	<i>Civil Contractor is responsible for the design and construct of the parapet wall that shall act as a noise barrier. Currently drawings are provided for information only. The height of the barrier shall be 2 meters above top of rail and installed along the ROW (both sites). Please refer to Note 5 of the drawing VIA00-ST-1271. Note bidder is required to design the parapet in accordance with the structural requirements as specified in the TS. Furthermore the Civil Contractor will be required to keep a standard length of parapet and external pattern. The maximum weight allowed is 14KN/m. The shape and appearance of the parapet wall (noise barrier) shall be standardized in all packages. Contractor design will be subject to the Engineer approval. Bidder to refer to updated TS 200 in Addendum 6. Bidder also to refer to the updated BOQ item 229(1) Bill No.3 in Addendum 4.</i>
S-04	Clause 2.2.2 of 1A Scope of works Volume 2					Please provide the location details for the relocated Alabang Station since the narrow access will affect the construction sequence/ method. Does the pile/ pile cap/ Column/ Pier Head and viaduct arrangement remain unchanged?	<i>Alabang station will not be relocated</i>
S-04	229.3 General Specification in Addendum 6					Point 1: Where is the source of the noise? Who shall measure the noise reduction of 3dBA? Point 2: The standard length of precast parapet with joint is 1.5m which may not be fit for all scenarios such connection to station. Does the special length of the precast parapet require? As mentioned, the external pattern is required to be kept. Does it mean outer face of the parapet (i.e. non track side)? Further, please provide the detailed dimension as it is missing in the tender drawings.	<i>1. Noise will be generated by operation of train. Measurement of noise reduction will not be the bidder's scope. 2. Civil Contractor is responsible for the design and construct of the parapet wall that shall act as a noise barrier. Currently drawings are provided for information only. The height of the barrier shall be 2 meters above top of rail and installed along the ROW (both sites). Please refer to Note 5 of the drawing VIA00-ST-1271. Note bidder is required to design the parapet in accordance with the structural requirements as specified in the TS. Furthermore the Civil Contractor will be required to keep a standard length of parapet and external pattern. The maximum weight allowed is 14KN/m. The shape and appearance of the parapet wall (noise barrier) shall be standardized in all packages. Contractor design will be subject to the Engineer approval. Bidder to refer to updated TS 200 in Addendum 6. Bidder also to refer to the updated BOQ item 229(1) Bill No.3 in Addendum 4.</i>

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S-05	PCC 8.1 Commencement of Work; Explanatory Notes CP S 01/02 and CP S 04 to 07 - Site Access Dates CP S-04					Based on the site access dates tabulation Batch 1 will be handed over at Commencement Date. However, no date has been provided as Commencement Date. Since Explanatory notes are compiled for CP S01/02 and CP S04 to 07 and CP S04 shows Batch 1 first date of access as 2022-07-01. Please confirm that Commencement Date for CP S-05 is set for 2022-07-01.	<i>The Bidder is referred to the tentative project implementation schedule issued in Site Data.</i>
S-05	NSRP-DWG- VIA00-ST-1500 to 1561, 1573			Widening Deck Details & Equipment Location	Widening Deck Details	Please provide the widening deck details which shall include but not be limited to location, reinforcement details, pay item in BOQ.	<i>1). Deck widening locations, please refer to NSRP-DWG-VIA00-ST-1571 Rev 21.3. Deck widening reinforcement detail drawings to be amended and included in IFC Drawings. 2). Please refer to Bill 3 - concrete and rebar pay item 206 and 207 to include the deck widening</i>
S-05	Vol 2 NSRP- DWG-VIA00-ST- 1573			Equipment Locations	An impedance Bond (Outside of Track) + w=0.55mm ***SS to be built	Please provide the missing details for impedance bond (Outside of Track)	<i>Impedance Bond (Outside of Track) + w=0.55mm ***SS is for substation. Detail not included in VIA00 set since this set only covers detail for elevated viaduct structures.</i>
S-05	Vol 2 NSRP- DWG-VIA00-ST- 1500-1561			Widening Deck - PT Requirements		Please confirm any PT requirements for the transverse direction for the deck widening section. If yes, what will be the requirements?	<i>PT not required at transverse direction.</i>
S-05	Vol 1 BOQ 229(1) Bill no.3			Precast Cast Parapet Wall	Design and Build of Precast Parapet Wall Height of 2 metres including all appropriate noise reduction measures along the entire ROW	Please specify the item "All appropriate noise reduction measures along the entire ROW"	<i>Civil Contractor is responsible for the design and construct of the parapet wall that shall act as a noise barrier. Currently drawings are provided for information only. The height of the barrier shall be 2 meters above top of rail and installed along the ROW (both sites). Please refer to Note 5 of the drawing VIA00-ST-1271. Note bidder is required to design the parapet in accordance with the structural requirements as specified in the TS. Furthermore the Civil Contractor will be required to keep a standard length of parapet and external pattern. The maximum weight allowed is 14KN/m. The shape and appearance of the parapet wall (noise barrier) shall be standardized in all packages. Contractor design will be subject to the Engineer approval. Bidder to refer to updated TS 200 in Addendum 6. Bidder also to refer to the updated BOQ item 229(1) Bill No.3 in Addendum 4.</i>

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S-05	204.1.1.1 of TS200 Annex A & 204.2.6 TS200			Test Pile	204.1.1.1 of TS200 Annex A - A minimum of 11 test piles per package for viaduct and bridges and 2% of total bored piles for each stations/buildings with maximum diameter of bored pile or as indicated in the general notes shall be carried out on the Contract at locations directed by the Engineer. 204.2.6 - A minimum of 11 test piles, or as indicated in the BOQ, shall be carried out on the Contract at locations directed by the Engineer.	There are discrepancies between above mentioned 2 Sections. Please clarify. With reference to 204.1.1.1 of T200 Annex A, the test pile is per 2% of total bored piles for each stations/ building. Are the Emergency Staircase nos #4 & #5 considered buildings? If yes, it will be different with BOQ mentioned number of piles to be tested. Please clarify.	<i>There is NO discrepancies between TS204.1.1 and TS204.2.6. "A minimum of 11 test piles per package for viaduct and bridges and 2% of total bored piles for each stations/buildings with maximum diameter of bored pile or as indicated in the general notes shall be carried out on the Contract at locations directed by the Engineer." TS204.2.6 - A minimum of 11 test piles, or as indicated in the BOQ, shall be carried out on the Contract at locations directed by the Engineer.</i>
S-05	229.3 General Specification in Addendum 6			Precast Cast Parapet Wall	1) The Contractor shall submit design calculations and shop drawings for precast concrete wall showing complete information for making and installing the product in accordance with the requirements specified in the contract document. The precast concrete wall (noise barrier) shall be designed for self weight dead loads (not exceed 14KN/m, while 3 meter noise barrier does not exceed 10 kN/m), wind loads as defined in the Dwg VIA00-ST-0030, and horizontal pedestrian loads of 1KN/m at a position 1.1m from the walking surface (Rail Level) - Calculations shall be in accordance with the requirements of AASHTO LRFD 2018. 2) Shape: The Civil Contractor will be required to keep a standard length of parapet and external pattern. Also, in the case of the 3m parapet wall (noise barrier which occurs only in packages S03a), it requires on top of the wall two elements of 0.25m and a slope 45 degrees. Details of the shape of precast concrete parapet wall shall be approved by the Engineer. Details of the self weight dead load as well as other items shall be in libe with item (1).	Point 1: Where is the source of the noise? Who shall measure the noise reduction of 3dBA? Point 2: The standard length of precast parapet with joint is 1.5m which may not be fit for all scenarios such connection to station. Does the special length of the precast parapet require? As mentioned, the external pattern is required to be kept. Does it mean outer face of the parapet (i.e. non track side)? Further, please provide the detailed dimension as it is missing in the tender drawings.	<i>1. Noise will be generated by operation of train. Measurement of noise reduction will not be the bidder's scope. 2. Civil Contractor is responsible for the design and construct of the parapet wall that shall act as a noise barrier. Currently drawings are provided for information only. The height of the barrier shall be 2 meters above top of rail and installed along the ROW (both sites). Please refer to Note 5 of the drawing VIA00-ST-1271. Note bidder is required to design the parapet in accordance with the structural requirements as specified in the TS. Furthermore the Civil Contractor will be required to keep a standard length of parapet and external pattern. The maximum weight allowed is 14KN/m. The shape and appearance of the parapet wall (noise barrier) shall be standardized in all packages. Contractor design will be subject to the Engineer approval. Bidder to refer to updated TS 200 in Addendum 6. Bidder also to refer to the updated BOQ item 229(1) Bill No.3 in Addendum 4.</i>
S-06	Explanatory Notes CP S 01/02 and CP S 04 to 07 - Site Access Dates CP S-06					There are cases where the boundary of will-be handed over portion of alignment based on Site Access Dates document is away from existing public road and hence no direct access is available. For example, Batch 1 states that the boundaries will be P-1168 to P-1185. P-1168 is about away from nearest suitable public road which is Villa Palo Rd.. Please confirm our understanding the we can still use the PNR alignment between P-1168 and Villa Palo Rd as access in going to the area handed over albeit no construction activity will be done in this portion except enabling works for the access itself. Also, please confirm if we can adopt the same for similar cases.	<i>Being subject to further coordination and agreement from the Engineer, the Contractor may use part of will-be handed over portion as the access to the Site.</i>

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S-06	PCC 8.1 Commencement of Work; Explanatory Notes CP S 01/02 and CP S 04 to 07 - Site Access Dates CP S-04					Based on the site access dates tabulation, Batch 1 will be handed over at Commencement Date. However, no date has been provided as Commencement Date. Since Explanatory notes are compiled for CP S01/02 and CP S04 to 07 and CP S04 shows Batch 1 first date of access as 2022-07-01. Please confirm that Commencement Date for CP S-06 is set for 2022-07-01.	<i>The Bidder is referred to the tentative project implementation schedule issued in Site Data.</i>
S-06	Vol 2 Book 3 (Land Availability Drawings) - Explanatory Notes CP S-01/02 and CP S-04 to 07					There is no indication for site access dates in DAT section. Please clarify	<i>Please refer to the RAP & Land Clearance Schedule in Addendum 4.</i>
S-06	NSRP-DWG- VIA00-ST-1500 to 1561, 1574			Widening Deck Details & Equipment Location	Widening Deck Details	Please provide the widening deck details which shall include but not be limited to location, reinforcement details, pay item in BOQ.	<i>1). Deck widening locations, please refer to NSRP-DWG-VIA00-ST-1571 Rev 21.3. Deck widening reinforcement detail drawings to be amended and included in IFC Drawings. 2). Please refer to Bill 3 - concrete and rebar pay item 206 and 207 to include the deck widening.</i>
S-06	Vol 2 NSRP- DWG-VIA00-ST- 1574			Equipment Locations	An impedance Bond (Outside of Track) + w=0.55mm ***SS to be built	Please provide the missing details for impedance bond (Outside of Track)	<i>Impedance Bond (Outside of Track) + w=0.55mm ***SS is for substation. Detail not included in VIA00 set since this set only covers detail for elevated viaduct structures.</i>
S-06	Vol 2 NSRP- DWG-VIA00-ST- 1574			Equipment Locations	With reference to the summary table, some areas are required 2 equipment.	Please provide the deck widening details with 2 equipment.	<i>Please refer to the drawings VIA00-ST-1521,1551,1552 and 1561 for widening details.</i>
S-06	Vol 2 NSRP- DWG-VIA00-ST- 1500-1561			Widening Deck - PT Requirements		Please confirm any PT requirements for the transverse direction for the deck widening section. If yes, what will be the requirements?	<i>PT not required at transverse direction.</i>
S-06	Vol 2 NSRP- DWG-BR215-ST- 0241			Stay Cable details	The type of stay cable is changed from Parallel wire strand (PWS) to Parallel strand cable (PSC)	Please clarify the BOQ item 231(1) in bill no.3, showing stay cables type - Parallel Wire Strand (PWS), instead of the revised type - PSC.	<i>The type of stay cable is changed from Parallel wire strand (PWS) to Parallel strand cable (PSC). BOQ item 231(1) under Bill No.3</i>

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S-06	Vol 1 BOQ 229(1) Bill no.3			Precast Cast Parapet Wall	Design and Build of Precast Parapet Wall Height of 2 metres including all appropriate noise reduction measures along the entire ROW	Please specify the item "All appropriate noise reduction measures along the entire ROW"	<i>Civil Contractor is responsible for the design and construct of the parapet wall that shall act as a noise barrier. Currently drawings are provided for information only. The height of the barrier shall be 2 meters above top of rail and installed along the ROW (both sites). Please refer to Note 5 of the drawing VIA00-ST-1271. Note bidder is required to design the parapet in accordance with the structural requirements as specified in the TS. Furthermore the Civil Contractor will be required to keep a standard length of parapet and external pattern. The maximum weight allowed is 14KN/m. The shape and appearance of the parapet wall (noise barrier) shall be standardized in all packages. Contractor design will be subject to the Engineer approval. Bidder to refer to updated TS 200 in Addendum 6. Bidder also to refer to the updated BOQ item 229(1) Bill No.3 in Addendum 4.'</i>
S-06	Clause 2.2.2 of 1A Scope of Works Volume 2			Existing PNR Structures along the alignment	Contractor is advised that the ROW along west side Alabang station has been amended due to the existing Building line of Starmall Alabang. Accordingly, the PROW has been adjusted from approximately 4 meter to approximately 1.5 meter to reduce the gap between the wall of Alabang Station and existing wall of Starmall Alabang	Please provide the location details for the relocated Alabang Station since the narrow access will affect the construction sequence/ method. Does the pile/ pile cap/ Column/ Pier Head and viaduct arrangement remain unchanged?	<i>Alabang Station will not be relocated.</i>

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Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-06	229.3 General Specification in Addendum 6			Precast Cast Parapet Wall	<p>1) The Contractor shall submit design calculations and shop drawings for precast concrete wall showing complete information for making and installing the product in accordance with the requirements specified in the contract document. The precast concrete wall (noise barrier) shall be designed for self weight dead loads (not exceed 14KN/m, while 3 meter noise barrier does not exceed 10 kN/m), wind loads as defined in the Dwg VIA00-ST-0030, and horizontal pedestrian loads of 1KN/m at a position 1.1m from the walking surface (Rail Level) - Calculations shall be in accordance with the requirements of AASHTO LRFD 2018.</p> <p>2) Shape: The Civil Contractor will be required to keep a standard length of parapet and external pattern. Also, in the case of the 3m parapet wall (noise barrier which occurs only in packages S03a), it requires on top of the wall two elements of 0.25m and a slope 45 degrees. Details of the shape of precast concrete parapet wall shall be approved by the Engineer. Details of the self weight dead load as well as other items shall be in libe with item (1).</p>	<p>Point 1: Where is the source of the noise? Who shall measure the noise reduction of 3dBA?</p> <p>Point 2: The standard length of precast parapet with joint is 1.5m which may not be fit for all scenarios such connection to station. Does the special length of the precast parapet require? As mentioned, the external pattern is required to be kept. Does it mean outer face of the parapet (i.e. non track side)? Further, please provide the detailed dimension as it is missing in the tender drawings.</p>	<p>1. Noise will be generated by operation of train. Measurement of noise reduction will not be the bidder's scope.</p> <p>2. Civil Contractor is responsible for the design and construct of the parapet wall that shall act as a noise barrier. Currently drawings are provided for information only. The height of the barrier shall be 2 meters above top of rail and installed along the ROW (both sites). Please refer to Note 5 of the drawing VIA00-ST-1271. Note bidder is required to design the parapet in accordance with the structural requirements as specified in the TS. Furthermore the Civil Contractor will be required to keep a standard length of parapet and external pattern. The maximum weight allowed is 14KN/m. The shape and appearance of the parapet wall (noise barrier) shall be standardized in all packages. Contractor design will be subject to the Engineer approval. Bidder to refer to updated TS 200 in Addendum 6. Bidder also to refer to the updated BOQ item 229(1) Bill No.3 in Addendum 4.</p>
S-04	Volume 2 - Section 6 TS 700		99-100	710.1.2 Fire Detection and Alarm System		Kindly confirm type of Fire Alarm Annunciator Panel shall be considered' Graphical Annunciator (Floor Type Annunciator Panel) or Remote Annunciator (Mimic Panel).	Remote Annunciator.Refer to FAAP in the fire alarm detection and alarm layout drawings
S-04	Volume 2 - Section 6 TS 700		102-103	710.1.5 Extra Materials		Kindly confirm if the extra materials indicated in TS700 (710.1.5 Extra Materials) will be considered as per Building or for the whole package	PIN 710(11) will be as per building
S-04	Volume 2 - Section 6 TS 700		102-103	710.1.5 Extra Materials		Kindly confirm if the extra materials indicated in TS700 (710.1.5 Extra Materials) will be the basis of spare parts	Confirmed. PIN 710(11) is based on TS 710.1.5
S-04	Volume 2 - Section 6 TS 700		110-112	710.2.4 Other Detectors		Kindly confirm if the Continuous Linear Heat-Detector System: Of the analog type, consisting of detector cable and control unit are included in the scope of work. If yes, kindly provide us plans.	Continuous linear heat detector system is not applicable. A combination type of heat detector details has been applied in the FDAS layout drawings refer to NSRP-DWG-ALA-EL-5701/5702/5704/5705 rev 21.2
S-04	Volume 2 - Section 6 TS 700		179	715.1.19 ID Cards		Kindly confirm the total number of ID Cards per Station/Building to be considered	As per TS 715.3.2 section .3 letter a.,card holder database can atleast support 10000 card holders.
S-04	Volume 2 - Section 6 TS 700		191-194	716 Emergency Call System		Please provide what type of communication cable shall be considered for Toilet Emergency Call System	communication cable to be use is FCPEV-0.9mm or equivalent as per manufacturer data sheet of approved material and in accordance with relevant Specifications

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S-04	Volume 2 - Section 6 TS 700		209-210	718.2.5 Instrumentation, Protection and Control Equipment		<p>Please confirm if the supply and installation of the following items listed below are part of BMS scope or by others:</p> <ul style="list-style-type: none"> a. UPS with back-up time of two (2) hours b. Room Temperature Sensor for Ventilation Fans inside Electrical Room c. Room Temperature Sensor for Airconditioning Units d. Fire Exit Door Contact Device for Access Control System e. Floor mounted Door Contact Device for Motorized Roll-up Shutter Door f. Air Flow Sensor for HRV and Ventilation Fans g. Water Level Sensor for Water Tanks and Fire Water Tanks h. Sump Pit Water Level Sensor i. Smoke Detector Device j. Shunt Trip Breakers for Switchgear k. KWHr Meter and Transducers l. Motion Sensor for Lightings at Fire Exit and Photo Sensor for External Lightings m. Bacnet Central Controller for Airconditioning Units 	<p><i>Please refer to SCRP_TS 700_Annex A, Sections 713.1.1 and 713.1.2 for the Scope of Work for the BMS.</i></p> <p><i>Based on the specified TS, BMS will be a Lump Sum Design and Build work, to cover all the BMS requirement of the Building.</i></p>
S-06	CP S-06 Volume 2		NSRP-DWG-VIA00-ST-1500	Deck Widening System		Can you please provide details of reinforced bar in regards to the deck widening related to equipment location.	<i>Reinforcement detail will be provided in IFC set of Drawings</i>
S-06	CP S-06 Volume 2		NSRP-DWG-VIA00-ST-1574 (Rev. 21.3)	Equipment Locations Sheet 4		There are shown Signal Equipment locations of CP S-06 project at NSRP-DWG-VIA00-ST-1574 drawing. However, there are only shown Signal Equipment locations from Ch.54km972 to End of CP S-06 project at this drawing. Please provide additional information of Signal Equipment locations for the rest of CP S-06 project.	<p><i>Equipment locations and tabulation are shown on sheets VIA00-ST-1571 to 1574 for reference only.</i></p> <p><i>Civil Contractor shall further coordinate with E&M Contractor for detailed location during implementation.</i></p>
S-06	Volume 3. Sec.7-8 COC		16 page,	Adjustments for Changes in Cost	The indexation to be used for price adjustment for the Domestic Component shall be as compiled by Philippines Statistics Authority-	<p>Upon reviewing Adjustments for Changes in Cost segment. We noticed that the cost index for labor under Table of Adjustment Data for local currency (Average Daily Pay of Wage of Wage and Salary Workers by Major Industry Group Item "construction" under Non-Agriculture, Industry by Philippine Statistics Authority) is discontinued since its latest update on January 2018. please advise on alternative index with up to date release.</p>	<p><i>Bidders are advised to use the following indexation for price adjustment Table of Adjustment Data in Vol. 1, Section 4, that shall supersede any previous revisions. The indexation in the Table of Adjustment will be revised in the final version of contract documents:</i></p> <p>Labor <i>Table 5.2.1 Quarterly Indices on Compensation per Employee, Construction, at Current Prices (2016=100).</i> http://www.psa.gov.ph/qei-press-releases/tables</p> <p>Equipment: <i>Table 1 - Construction Materials Wholesale Price Index (CMWPI) in the National Capital Region (NCR) item "Machinery and Equipment Rental".</i> https://psa.gov.ph/content/construction-materials-wholesale-price-index-national-capital-region-2012100-july-2019</p> <p>Material - Bidder to follow the revision made in Addendum 2.</p>

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S-06	GBB 30 Volume 1 Section 4A			Schedule of Provisional Sum	PS-14 : Culvert Design and Construction underneath PNR Track (advance works) : PHP 66,957,541	1. When is the commencement and completion date the client expected? 2. Client has been mentioned that the PS-14 is Advance Works. Does the Bidder need to reflect this scope of work in the master Schedule? 3. Please provide the detailed scope of works. Bidder may need to liaise with PNR and other relevant 3rd parties during the design and construction stage as well.	<i>Bidder is advised that design and specifications are not available at this time hence the requirement to insert a Provisional Sum. The Provisional Sum will be expended in accordance with GCC Clause 13.5</i>
S-06	Batch 7,8,11,13 (TCQ responses) Volume 02			NSRP-DWG-VIA00-ST-0402 TS200 Clause 206.7.8.4 ~ 5	[TCQ response] The maximum temperature of fresh concrete at time of placing should be between 26 to 30 degrees C The Contractor shall comply with the recommendations of TS200 Clause 206.7.8.4 with regard to pre-cooling and TS200 206.7.8.5 and TS200 Clause 206.7.8.5 regarding the cooling of the....the fresh concrete exceed 35 degrees C. Drawing NSRP-DWG-VIA00-ST-0402 will be issued in Addendum 3.....	As per the previous batch No.7, 8, 11, 13 client mentioned that the temperature requirement for fresh concrete and the discrepancy will be updated through Addendum 3 but the relevant drawing is not updated yet. Please clarify the maximum temperature of fresh concrete at the time of placing.	<i>The maximum temperature of fresh concrete at the time of placing was already indicated on the TS206.7.8.5 not exceeding 35 degrees celcius.</i>
S-06	1.3 CP S-06 Vol.1A Sec.4A BOQ 20210504 Addendum 4		PS-10		Interface Works Physical construction interface works including but not limited to OCS pole foundation	The physical construction interface works include all deck widening works through signal equipment locations. Please clarify contractor understanding is correct.	<i>Yes, the bidder's understanding is correct.</i>
S-07	Vol.3 Section 8		PCC 7	KD03-1 KD03-2	KD 03-1 → Access to all buildings and facilities KD 03-2 → Access to install trackwork	For the installation of tracks inside the building, which key date should we follow KD 03-1 or KD 03-2 to provide the access to NS-01 Contractor? * Light Repair Shop, Unscheduled Repair Shop, Wheel Re-profiling Shop, Catenary Maintenance Vehicle Shop	<i>For the installation of tracks inside the building, the bidder shall be refer to KD 03-2.</i>

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Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-07	Volume 3. Sec.7-8 COC		16 page,	Adjustments for Changes in Cost	The indexation to be used for price adjustment for the Domestic Component shall be as compiled by Philippines Statistics Authority-	Upon reviewing Adjustments for Changes in Cost segment. We noticed that the cost index for labor under Table of Adjustment Data for local currency (Average Daily Pay of Wage of Wage and Salary Workers by Major Industry Group Item "construction" under Non-Agriculture, Industry by Philippine Statistics Authority) is discontinued since its latest update on January 2018. please advise on alternative index with up to date release.	<p><i>Bidders are advised to use the following indexation for price adjustment Table of Adjustment Data in Vol. 1, Section 4, that shall supersede any previous revisions. The indexation in the Table of Adjustment will be revised in the final version of contract documents:</i></p> <p>Labor <i>Table 5.2.1 Quarterly Indices on Compensation per Employee, Construction, at Current Prices (2016=100). http://www.psa.gov.ph/qei-press-releases/tables</i></p> <p>Equipment: <i>Table 1 - Construction Materials Wholesale Price Index (CMWPI) in the National Capital Region (NCR) item "Machinery and Equipment Rental". https://psa.gov.ph/content/construction-materials-wholesale-price-index-national-capital-region-2012100-july-2019</i></p> <p>Material - Bidder to follow the revision made in Addendum 2.</p>
S-07	Volume 2/ Section 6			NSRP-DWG-DEP-DR-2617 (rev. 21.3)		We refer to the drawing of NSRP-DWG-DEP-DR-2617 (rev. 21.3). Please clarify the dotted line added in addendum 4 is the right of way. If not, please provide the right of way for the construction of the outfall drain.	<p><i>No need to add PIN 104(1) Subgrade Preparation for Detention Basins and Retaining Walls. PIN 104(1) in Bill No. 3 Depot Underpass is applicable only for Raod 9 and Road 10 beside the Depot Underpass. Subgrade preparation pay item for embankment portion is not required because it is already included in embankment pay item or cost</i></p>
S-07	Volume1 Section 4A			Bill No.8	PS-12 Ground Improvement Works To include: (1) Ground Investigation/Additional Geological Survey (2) Design for Ground Improvement (3) Construction Ground Improvement	The provisional sum for ground improvement works was issued in Addendum 4. Regarding "Design for ground improvement", Would you kindly clarify whether the design is Contractor's responsibility or Employer's design to be provided to Contractor?	<p><i>The design of ground improvement works shall be responsibility of a bidder.</i></p>

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S-07	Volume2 Section 6			TS 100 Annex 104 Subgrade Preparation		Only Bill No.3 Depot Underpass has pay item 104(1) Subgrade preparation. Please provide the PIN for Detention basins and Retaining walls, Access road, Access track, Embankment within width of railway as instructed in TS 104.1.	<i>The Bidder is advised that Item 104(1) is Not Applicable to the Embankment Areas (such as the Embankment within the Railroad width, the access roads, the access tracks & the Retaining Walls) - because related works are covered by the work items for Embankment. Please refer to the Technical Specifications, SCRP_TS 100_Annex A Addendum 3, Section 104, Sub-section 104.1, Clause 104.1.1, Item (3), second paragraph. Further, Item 104(1) is neither applicable to the Detention Basins. Materials underneath the detention basins shall be covered by the BOQ Bill No. 5, Part E, Item No. 206(10)e and Backfill shall be Item No. 201(4)d.</i>
S-07	Volume1 Section 4A			Bill No.4 & 6 106(1)	Aggregate Subbase Course in Depot(43 cum) Aggregate Subbase Course for Internal Road off Depot (50 cum)	Regarding the pay item 106(1), it is unable to identify area of aggregate subbase application for MCS and DSP building. Please provide drawing to indicate area of the aggregate subbase application in Bill No.4-2.10 MCS and Bill 6-1 DSP.	<i>For MCS, please refer to drawing NSRP-DWG-MCS-AR-3011, rev. 21</i> <i>For DSP, please refer to drawing NSRP-DWG-DSP-AR-3011, rev. 21.2</i> <i>Aggregate Subbase is to be applied to all areas without structure (i.e. open area)</i>
S-07	Volume2 Book 2			NSRP-DWG-MCS-ST-4311_[21.1]	Lean concrete Gravel base	Please provide BOQ pay item for 50mm THK blinding concrete with 150mm gravel base, and 100mm THK blinding concrete with 200mm gravel base shown in drawing MCS-ST-4311.	<i>For thickness of lean concrete and gravel bed, please follow structural drawings.</i> <i>Description for PIN 405(16)a under Bill No. 4-2.10 was revised to match description in drawing in the latest published BOQ.</i>
S-07	Volume1 Section 4A			Bill No.5		Please provide BOQ pay item for drainage of earth lined canal and NIA concrete canal both side of underpass structure.	<i>The bidder is advised to refer to Addendum No.6, BOQ, Bill No.5.</i>
S-07	GBB 15 Batch 7		2 of 62		There in no items for Deep Well in the BOQ. Please provide related BOQ. -Please refer to updated BOQ to be issued under Addendum 3	Please provide pay item and quantity for Deep Well. It is missing in Addendum 3 & 4.	<i>The Bidder is advised to refer to Addendum 6 BOQ, Bill No. 8, Item No. PS-9 - Water Supply System.</i>
S-07	GBB 15 Batch 7		50 of 62		Existing Lined Canal inside ROW should be relocated outside however detail design like section/plan drawing and pay item for construction is not found in BOQ except removal item. Please advise us how to price construction of relocated lined canal. -BOQ shall be revised to include relocated lined canal (or realigned NIA Canal). Updated BOQ shall be issued as Addendum 3	Please provide pay item and quantity for relocated lined canal. It is missing in Addendum 3 & 4.	<i>Please refer to the Addendum 6 BOQ, Bill No. 5, Part F-Irrigation Channels</i>
S-07	GBB 18 Batch 10		30 of 51		RC Stair and Slope does not have line item in BOQ, please advise where to include item - Item will be include in Addendum 3	Referred to drawing NSRP-DWG-LRS-ST-4611 and GBB 18 Batch 10, please provide pay item and quantity for RC Stair and Slope. It is missing in Addendum 3 & 4.	<i>Please refer to Addendum No. 6, BOQ, Bill No.4-1.2.</i>

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S-07	GBB 18 Batch 10		30 of 51		RC Stair and Slope does not have line item in BOQ, please advise where to include item - Item will be include in Addendum 3	Referred to drawing NSRP-DWG-URS-ST-4302 and GBB 18 Batch 10, please provide pay item and quantity for foundation Column. It is missing in Addendum 3 & 4.	<i>Please refer to Addendum No. 6, BOQ, Bill No.4-2.1.</i>
S-07	GBB 20 Batch 11		26 of 28		Please verify BOQ Quantity of 116,000 kg. As indicated in the Plan, Reinforcements are shown on the following structural members: Slab, Pile Cap, Low RC Wall, and Tie Beam.	Please verify again the rebar weight of Bill 4-2.3 CMV. The given rebar weight total is much smaller than our calculation.	<i>Please refer to Addendum No. 6, BOQ, Bill No.4-2.3.</i>
S-07	GBB 25 Batch 15		34 of 60		Please provide drawing and details of tie beam. It is not reflected on plan. -There is no provision of concrete tie-beam for the Pedestrian Shed. PIN 405(6)b to deleted in the BOQ. Revised BOQ issued in Addendum 5	Please double check the PIN 405(6)b to be deleted in BOQ 4-3.2	<i>There is no provision of concrete tie-beam for the Pedestrian Shed. PIN 405(6)b was deleted in the latest published BOQ.</i>
S-07	GBB 26 Batch 17		37 of 57	Pump house 1 and 2	1) Please refer to drawing no. NSRP-DWG-DEP-AR-3513 Rev21. 2) The BOQ shall be revised to include Item No. 405(11)b for trench drain. Updated / revised BOQ shall be issued as Addendum 4. Reinforcement for trench drain is included in Item 403(1).	Please provide pay item for 405(11)b for Bill 4-2.13, 4-2.15 WPH1, 2 Trench Drain Concrete	<i>Concrete for Trench Drains under S-07 Addendum 6 BOQ shall be under PIN 405(11)b --- Structural Concrete, Class "AAA" (31 Mpa) for Trench Drains Bidder to refer to the latest published BOQ, Bill Nos. 4-2.13 and 4-2.15 revised to include PIN 405(11)b</i>
S-07	Vol.1A Sec4A BOQ Add 4			BOQ no.204 NSRP-DWG-SDU-ST-0005_[21.3] NSRP-DWG-SDU-ST-0006_[21.3] NSRP-DWG-SDU-ST-0040	Depot Underpass	Would you please check the length of Bored pile(800mmΦ) and number of Low-Strain Pile Integrity Testing(800mm Dia, Bored Pile) in BOQ ? Low-Strain pile integrity testing should be carried out on every single bored pile in accordance with TS. And they are presented 236 nos. in BOQ. In consideration of pile length of 35m based on NSRP-DWG-SDU-ST-0040, the total length of Bored pile(800mmΦ) could be calculated as 8,260m(=236ea*35m) but 6,860m provided in BOQ. Would you kindly clarify this confusion?	<i>Bidder to refer the latest published BOQ - PIN 204(2)f – Bored Pile (800mmØ), in dry conditions = 6,790.00 Lm. - PIN 204(5)f - Low-Strain Pile Integrity Testing (800mm Dia. Bored Pile) = 194.00 Nos.</i>

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S-07	Volume1 Section 4A			Bill No.4 PIN 405(16)a	T=100mm Blinding Concrete (Lean Concrete), 15 MPa including T= 200mm Hard Core	There are many inconsistencies found between BoQ PIN 405(16)a and drawings. There is no PIN for 50/100mm thk Lean including 150/200mm Gravel base in latest version of BOQ of Addendum 5. Please correct these errors for the buildings listed below. 4.2-01 URS 4.2-03 CMV 4.2-04 FPH1 4.2-05 LOS 4.2-06 DHS 4.2-07 LGS 4.2-08 TGB 4.2-09 TMO 4.2-10 MCS 4.2-11 DBS1 4.2-12 WPH1 4.2-14 WPH2 4.2-16 SH1 4.2-17 BPS 4.2-18 MPS 4.2-19 CPS 4.2-20 CNT 4.3-02 PSHED 6-01 DPS	<i>The correct thickness for lean concrete and gravel base are 50mm and 150mm, respectively, as shown in drawing.</i> <i>Description for PIN 405(16)a under Bill No. 4-2.7 was revised to match description in drawing in the latest published BOQ.</i>
S-07	Volume2 Book 1			NSRP-DWG-DEP-DR-2020_[21.3]	CB-03-03-01 CB-03-03-02 CB-03-03-03 CB-03-03-04 CB-03-03-05	In "NSRP-DWG-DEP-DR-2020 [21.3]", CB-03-03-01~05 has been revised to Type D. However, in BOQ, type was not revised (BOQ 111(6)f "Manhole/ Catch Basin, TYPE F (for 1.4m X 1.1m~1.5m RCBC" 5 ea) Please inform.	<i>Type D shall govern base from NSRP-DWG-DEP-DR-2020 [21.3].</i> <i>Bidder to refer to the latest published BOQ.</i>
S-07	Batch 18				Bidder is referred to Addendum 6 Supplementary Information. "The Contractor for S-06 will be required to give 24/7 access from day one of the contract to S-07 Contractor for 300+ truck movements each way per day through Villa Palao Road with extending southward. It is CP S-07 Contractor's responsibility to construct and maintain the haul road until handing over back to CP S- 06 Contractor for permanent road construction."	We refer to the final response in Batch 18. There have been nothing changed in Addendum 6 on "access to sites". Please clarify.	<i>Bidder's understanding is correct.</i>
S-07	Vol.1	Vol.1 BOQ F.3 SANITARY WORKS		D618(1) Waste Water Treatment Plant Vol.2 NSRP-DWG-DEP-SN-4002_[21.3] TS 618.2.5	WWTP treatment Capacity	The WWTP capacity for each building is different from the definition in the technical specification(or related plans) and the definition in the BOQ as follows. Please confirm which will govern. BOQ vs. Technical Spec./Plans LRS(36.2cum/day) vs LRS(6.2cum/day) CMV(1.4cum/day) vs. CMV(0.8cum/day) TMO(2.7cum/day) vs. TMO(1.4cum/day) SH1(0.8cum/day) vs. SH1(2.2cum/day)	<i>WWTP capacity in the upated BOQ is matching with the latest issued drawings. The bidder is advised to refer to the following drawings; 1) NSRP-DWG-LRS-SN-7111 Rev 21.3 2) NSRP-DWG-CMV-SN-7111 Rev 21.3 3) NSRP-DWG-TMO-SN-7111 Rev 21.3 4) NSRP-DWG-SH1-SN-7111 Rev 21.3</i>
S-07	Vol.1	Vol.1 BOQ Bill 4-1.1 D. MECHANICAL WORKS		D557(1) Elevator for OCC Building (EL-1),1600Kg Capacity (21 Persons), 5 Stops, 150meters/min.. (Furnished & Installed)	Elevator specification	The definition of Elevator Speed rate and Load rate are different between BOQ and Technical Specification. Please confirm which will govern. BOQ vs. Technical spec. - Speed rate: 150m/m (BOQ) vs. 60m/m (1m/s) - Load rate : 1600kg (BOQ) vs. type 1200(or 900)	<i>Elevator Speed rate and Load rate in the upated BOQ is matching with the latest issued drawings (NSRP-DWG-OCC-AR-3441 Rev 21.3).</i>

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S-07	Vol.1	Vol.1 BOQ Bill 4-2.20 G. OTHER MISCELLANEOUS WORKS		SPL 001 Other Miscellaneous Works (Architectural Works)	Other works	Regarding BOQ item SPL 001 "Other Miscellaneous Works (Architectural Works)", you have confirmed the deletion of the item from BOQ according to the GBB clarification batch.10. However, it is still in the BOQ. Please confirm if the BOQ item shall be excluded from the quotation.	<i>SPL 001 "Other Miscellaneous Works (Architectural Works)" is removed from the BOQ, the bidder is advised to refer to Addendum No.6, BOQ.</i>
S-07	Vol.2	02_Book 2		NSRP-DWG-OCC-ST-4306	Hard Core / Gravel Base	Please verify if the term "Hard Core" is the same with "Gravel Base". If not, please provide pay items for Hard Core and/or Gravel Base on Bill of Quantities for all the buildings under Bill 4 (Bill No. 4-1.1 to Bill No. 4-3.2) and Bill 6-1	<i>Hard Core is already included in PIN 405(16)a --- T=100mm Blinding Concrete (Lean Concrete), 15 MPa including T= 200mm Hard Core in BoQ Addendum 6.</i>
S-06					25. (Third Question on Page 1 of 60) (I have boxed the question in red in the attachment)	In case that the safety hoarding is installed with compliance to GS131.4, part of safety hoarding will be located under the construction area of viaduct as captured below. Please provide with detailed safety requirement or standard for the construction above the operational PNR. Can we see this figure?	<i>It is a responsibility of the bidder to plan the works. Temporary works shall be required to maintain a minimum space of the construction gage shown on the drawing SW-ALT-RS-0001.</i>
S-05	3	Part III / Section 8 - Particular Conditions of Contract	PCC 4	14.3(c)	Percentage of Retention - Five percent (5%)	The Employer is kindly requested to clarify whether the retention will be held in cash or against a bank guarantee letter.	<i>Retention Bonds may be acceptable in place of retention money which will be subject for further discussion between the Contractor and the Employer during contract implementation.</i>
S-06	3	Part III / Section 8 - Particular Conditions of Contract	PCC 4	14.3(c)	Percentage of Retention - Five percent (5%)	The Employer is requested to clarify whether the retention will be held in cash or against a bank guarantee letter.	<i>Retention Bonds may be acceptable in place of retention money which will be subject for further discussion between the Contractor and the Employer during contract implementation.</i>
ALL	Vol. 1	Section 4A				May we request for the final and official BOQ, considering the multiple issued addendums.	<i>Bidder is advised to refer to GBB No. 33, Addendum 6 final pdf BOQ version which will prevail over any other previous BOQs.</i>
S-05	1	Vol.1 Sec. 4A BoQ Summary of Total Bid Price	-	-	$L02=((L01+F01*Exchange Rate) \times 12\%)$	According to the referred form, to calculate VAT of Foreign Currency, the Exchange Rate shall be applied to convert it into Local Currency. In this regards, the Exchange Rate shall be applied according to ITB Clause 15.4, "the exchange rates confirmed by the source specified in the BDS as the selling rates prevailing 28 days prior to the deadline for submission of Bids shall apply for the duration of the Contract so that no currency exchange risk is borne by the Bidder." Bidder's understanding is that the exchange rates confirmed through the Bid shall not change for the duration of the Contract, and this exchange rate shall be applied for VAT Calculation for Foreign Currency. Regarding this, please clarify which exchange rate shall be applied actually when the Contractor pays VAT for the amount of foreign currency to Tax Office during the duration of the Contract.	<i>Exchange rates for VAT shall be the selling rates 28 days prior to Bid Submission Date, pursuant to ITB 15.4. Furthermore, The taxes for the project are assumed by the GOP since for ODA projects, taxes are always covered by the borrower government.</i>

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S-06	Volume 2 Section 6 Pre-bid meeting Batch 12 (TCQ response)			DWG: NSRP-DWG-VIA06-ST-0014 ~ 0044	<p>Batch 12 (TCQ response) “ PNR future track may not be South Long Haul...”</p> <p>Pre-bid meeting “ The overlapping section between the proposed South Long Haul Project and the SCRCP will be running between Sucat Station and Calamba Station. Further interfacing details will be provided through General Bid Bulletin.”</p>	<p>Through the previous TCQ response (Batch 12) and the Pre-bid meeting, Bidder has been noticed the South Long Haul project will be running next to the SCRCP S06 alignment. Please provide the Commencement Date and the alignment of the South Long Haul project so that the bidder can establish and develop a construction plan to minimize the interface with South Long Haul Project.</p>	<p><i>The bidder is advised that the tentative commencement of South Long Haul Project contract package adjacent to CP S06 is by 2023. It shall be noted that this is still subject for finalization.</i></p>
S-05					26. (First Question on page 1 of 57) (I have boxed the question in red in the attachment)	<p>Following the addendum 2 in EQC24 regarding Key Experience for Viaduct using Precast Concrete Box Girder - Segmental span by span technique, we'd like to clarify if the attached cross section for the double box girder can be measured 2x for the computation of required length of 4km? We'd like to emphasize that it is shown in the cross sectional drawing that the road is composed of 2 split viaducts supported by 1 pier. Can we see this cross-section?</p>	<p><i>Bidder reference drawing from Batch 13 as follows:</i></p> 